

# POCKET GUIDE

## 2013-01

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# TASCAM®

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## DR-05 LINEAR PCM/MP3 RECORDER



- Portable, high-quality handheld recording
- Small size and easy operation
- Uses a microSD/microSDHC card as recording medium (2 GB included)
- Supported audio formats:
  - Linear PCM (WAV format) at 44.1/48/96 kHz and 16/24-bit
  - Compressed (MP3 format): 32–320 kbit/s

### Recording features

- Built-in omni-directional microphones
  - Accept high sound pressure level up to 125 dB
  - Natural sound independent of the sound source's position
  - Ideal for live music recording or news gathering with atmo
- Stereo mic/line input with plug-in power to connect an external source or microphone
- Switchable low-cut filter (40 Hz, 80 Hz, 120 Hz)
- Manual or automatic recording level setting
- Limiter to prevent clipping
- Pre-recording buffer (2 seconds)
- Self-timer (5 or 10 seconds)
- Create a new file manually during recording
- Mark function

### Playback features

- Variable speed audition (50–200 %)
- Repeat function (one track or all tracks)
- Loop function (repeat a marked section)
- Playlist feature to play files in a certain order
- Resume function
- Flash back function (1–10, 20, 30 seconds)
- EQ for tone control during playback
- Built-in loudspeaker
- Headphones/Line output

### Other features

- Chromatic tuner
- File divide function
- Folder management to organize your files
- Hold function to avoid inadvertent operation
- USB 2.0 connection for file transfer
- Power supply by 2 AA size Alkaline or NiMH batteries, USB bus power or optional AC adapter (Tascam PS-P515U)
- Stand adapter (¼ inch) on bottom side
- Dimensions (W × H × D):  
61 mm × 141 mm × 26 mm
- Weight: 0.116 kg (without batteries)

## DR-07 MKII LINEAR PCM/MP3 RECORDER



- Portable, high-quality handheld recording
- Small size and easy operation
- Uses a microSD/microSDHC card as recording medium (2 GB included)
- Supported audio formats:
  - Linear PCM (WAV format) at 44.1/48/96 kHz and 16/24-bit
  - Compressed (MP3 format): 32–320 kbit/s

### Recording features

- Built-in cardioid microphones
  - Accept high sound pressure level
  - Easy setup (A/B and X/Y supported)
  - Good directivity and channel separation
  - Ideal for live music and field recording
- Stereo mic/line input with plug-in power to connect an external source or microphone
- Switchable low-cut filter (40 Hz, 80 Hz, 120 Hz)
- Manual or automatic recording level setting
- Limiter to prevent clipping
- Pre-recording buffer (2 seconds)
- Auto recording start and stop by input level
- Self-timer (5 or 10 seconds)
- Overdub feature
- Create a new file manually during recording
- Mark function (manual or automatic)

### Playback features

- Variable speed audition (50–200 %)
- Repeat function (one track or all tracks)
- Loop function (repeat a marked section)
- Playlist feature to play files in a certain order
- Resume function
- Flash back function (1–10, 20, 30 seconds)
- EQ for tone control during playback
- Built-in loudspeaker
- Headphones/Line output

### Other features

- Built-in reverb effect
- Chromatic tuner
- File divide function
- Folder management to organize your files
- Hold function to avoid inadvertent operation
- USB 2.0 connection for file transfer
- Power supply by 2 AA size Alkaline or NiMH batteries, USB bus power or optional AC adapter (Tascam PS-P515U)
- Stand adapter (¼ inch) on bottom side
- Dimensions (W × H × D):  
68 mm × 158 mm × 26 mm
- Weight: 0.125 kg (without batteries)

## DR-40 4-TRACK LINEAR PCM/MP3 RECORDER



- Portable, high-quality handheld recording
- Compact size and easy operation
- Uses a SD/SDHC card as recording medium (2-GB card included)
- Supported audio formats:
  - WAV/BWF up to 96 kHz / 24-bit
  - MP3 32–320 kbit/s at 44.1/48 kHz
- Built-in cardioid stereo condenser microphone
  - Accepts high sound pressure level
  - AB and XY configuration supported
  - Ideal for live music and field recording, news gathering, music training etc.
- Stereo XLR/TRS mic/line input with phantom power (supports +4 dB line level input)
- 4-track recording
  - Create two stereo recordings from the built-in mics and the external mic/line input at the same time
  - Create two stereo recordings with different level settings from the built-in mics or external mic/line input at the same time
  - Non-destructive overdub: Record a mix of one or two stereo playback files and a stereo input signal to a new stereo file or record only the input signal while playing back one stereo file
  - Mixdown feature with level, pan and effect controls for each track (creates a stereo track from a 4-track recording)
  - MS decoder for recordings created with mid/side microphone configuration
  - Switchable low-cut filter (40 Hz, 80 Hz, 120 Hz)
  - Manual or automatic recording level setting
  - Three Options of automatic level control during recording: Peak Reduction, Auto Level, Limiter
  - Pre-recording buffer (2 seconds)
  - Auto recording start and stop by input level
  - Self-timer
  - Mark function (up to 99 marks for each file)
  - Playback features include automatic level align, VSA, Repeat, Loop, Playlist, Resume, Flash back, EQ, ID3 tag display for MP3 files, monitor loudspeaker
  - Built-in reverb effect and chromatic tuner
  - Powered by 3 AA batteries, USB or AC adapter (optional)
  - Optional footswitch (RC-3F) and wired remote control (RC-10)
  - Dimensions (W × H × D): 70 × 155 × 35 mm
  - Weight: 0.213 kg (not including batteries)

## DR-100 MKII PORTABLE STEREO RECORDER



- Handheld digital stereo recorder with rugged metal chassis for professional use
- 2 separate types of batteries used together allow for many hours of operation as well as the ability to change batteries while recording
- MP3 and WAV file recording and playback
- Records to SD/SDHC card
- Selectable recording formats:
  - Linear PCM (WAV format), 16/24-bit
  - MP3 32/64/96/128/192/256/320 kbps
- Sampling frequencies: 96/48/44.1 kHz
- Four built-in high-quality condenser mics (two uni-directional, two omni-directional)
- Two lockable XLR mic ins with phantom power
- High-performance preamp provides wide range of gain (58 dBu to +24 dBu)
- Three selectable input sensitivities
- Stereo line input with adjustable level
- Tandem hardware recording level control
- Digital input (conversion cable included)
- Switchable low-cut filter (40 Hz, 80 Hz, 120 Hz)
- Switchable auto gain control and limiter to prevent clipping (hardware switchable)
- Built-in monitor speaker
- Headphones output with level control
- Separate stereo line output (mini jack)
- Pre-recording buffer (2 seconds)
- Delayed recording feature
- Auto recording start and stop by input level
- Overdub feature
- Mark function (automatic or manual)
- Create a new audio file during recording (manually or by file size)
- File divide function, file renaming
- Playback features include: In/Out loop, Folder or playlist playback, Pitch control function (–50 % to +16 %), Switchable VSA function
- Mic stand adapter (¼ inch) on bottom side
- USB 2.0 connection for file transfer
- Power supply by lithium-ion rechargeable (BP-L2), two AA batteries, optional battery pack (BP-6AA) or optional AC adapter (PS-P520)
- 2-Gigabyte SD card, RC-10 wireless remote control, windshield and softcase included
- Footswitch with three pedals for various functions available as an option (RC-3F)
- Dimensions (W × H × D): 80 mm × 153 mm × 35 mm
- Weight: 0.29 kg (not including batteries)



- Compact, high-quality audio recorder designed to be used in combination with a DSLR camera
- Uses an SD/SDHC card as recording medium
- Tascam original HDDA microphone preamps
- Simultaneous recording of up to four channels with mixdown feature
- Recording levels can be adjusted independently for inputs 1, 2 and 3–4
- Dual recording function allows two files to be recorded simultaneously at different levels
- Recording at 44.1/48/96 kHz, 16/24-bit
- Broadcast Wave Format (BWF) supported as WAV recording format
- XLR mic/line inputs can provide phantom power (24 V/48 V)
- TRS mic/line inputs (support +24 dBu)
- Stereo mini jack input supports video mics and other high-output mics (+10 dBV max.)
- Low-cut filter (40 Hz, 80 Hz, 120 Hz)
- High-quality audio can be output to a DSLR camera for recording
- Camera input enables convenient monitoring of audio from a DSLR camera
- Selectable mid-side decoding for use with MS microphone setups
- Slate tone functions (automatic/manual) to simplify synchronization with video files
- Pre-recording and Auto recording functions
- A new file can be created during recording (manually or by file size)
- Self-timer function, Jump-back function
- Selectable delay to eliminate time lags between two input sources
- QUICK button for easy access to various functions
- Divide function allows files to be split
- Mark function for location purposes
- Playback equalizer, level alignment function
- Resume function
- Line output and headphones output with individual level controls (3.5-mm jack)
- USB 2.0 port
- Stand adapter (¼ inch) on bottom side
- DSLR bracket for easy camera attachment
- Dedicated remote control jack
- Hold switch to prevent accidental operation
- Operates on four AA batteries, an AC adaptor (TASCAM PS-P515U), external battery pack (TASCAM BP-6AA) or USB bus power
- Optional footswitch (RC-3F) and wired remote control (RC-10)



- High-definition audio/video recorder combined in one compact unit
- Ideal for musicians, podcasters, YouTube uploaders
- Lens and microphones can be swivelled by 180 degrees
- Records to microSD/microSDHC card (2-GB card included)
- 2.4-inch TFT color LCD with Movie/Audio/Photo display modes
- High-grade stereo condenser microphone
- Stereo input for microphone or line source
- Switchable low-cut filter (40/80/120 Hz)
- Auto or manual gain control
- Dedicated recording level control
- Switchable limiter
- VSA function (Variable Speed Audition)
- Overdub function
- Selectable playback area: All/Folder
- Built-in monaural monitor speaker
- Stereo phones/line output

**Video features**

- HD or VGA video mode (1280x720p / 640x480p)
- 30 fps frame rate
- Wide focusing range (0.39 m to infinity)
- 1x – 4x digital zoom
- Still image mode to take pictures (1280x720p or 640x480p, image quality super fine, fine, or normal)
- Slide show mode (interval time: 1–10 sec.)
- HDMI output allows to view HD videos or pictures on a TV

**Audio features**

- Linear PCM (WAV file) recording and playback at 44.1/48/96 kHz, 16/24 bit

**Other features**

- Mini-B type USB 2.0 jack for file exchange
- Powered by three Alkaline (LR6) or Ni-MH (HR15/51) batteries
- AC power adapter available as an option (Tascam PS-P520)
- Auto power-off (3/5/10/30 minutes or off)
- Tripod attachment screw hole
- USB cable included
- Dimensions (W × H × D): 70 mm × 131 mm × 28 mm
- Weight: 157 g (without batteries)

## RC-10 / BP-6AA HANDHELD RECORDER ACCESSORIES



### RC-10

- Wireless/wired remote control for DR-40 and other portable audio recorders
- 6 buttons for transport control and setting marks while recording
- 4 function buttons to control product-specific features (see Owner's manual of the related product)
- 3 m cable included
- Dimensions (W × D × H):  
33 mm × 7 mm × 86 mm  
(wired, excluding projections)  
37 mm × 14 mm × 110 mm  
(wireless, excluding projections)
- Weight: 15 g (without battery)

### BP-6AA

- External battery pack for DR-40 and other products powered by DC 5V or USB
- Increases the operation time without the need for an AC adapter or computer
- Can be used for any Tascam product powered by PS-P515U or PS-P520 AC adapters or any product powered by USB
- Takes six AA batteries
- Power switch and LED indicators for remaining battery power
- Dimension (W × H × D):  
66 mm × 114 mm × 29 mm
- Weight: 102 g (without batteries)

## DR-680 PORTABLE MULTI-TRACK RECORDER



### Recording/Playback

- High-quality field recording
  - Compact size and easy operation
  - Up to 8 recording tracks
    - 6 tracks + stereo mix track at up to 24-bit/96 kHz
    - 6 tracks via the analogue inputs + 2 tracks via the digital input at up to 24-bit/96 kHz
    - 2 tracks at 24-bit/192 kHz
  - Secure and easily available SD/SDHC recording media
  - Recording/playback in uncompressed BWF or WAV format or space-saving MP3 format
  - MP3 multi-track recording (2 stereo or 4 mono files)
  - WAV/BWF sampling frequencies: 44.1/48/96/192 kHz
  - MP3 sampling frequencies: 44.1/48 kHz
  - MP3 bit rates: 96–320 kbit/s
  - 16-bit/24-bit resolution
  - Mid-side (MS) microphone decoding
  - Pre-recording buffer (up to 2 seconds)
  - Auto recording by input level
  - Locate markers
  - Repeat playback feature
  - GANG function to operate a group of controls as one
  - Hold feature to prevent misoperation
  - Built-in loudspeaker for monitor purposes
  - Powered by 8 AA-size batteries or AC adapter PS-1225L (included)
- ### Inputs/Outputs
- 6 balanced mic/line inputs (4 XLR/TRS combo connectors, 2 TRS connectors)
  - 48-volt phantom power
  - Selectable input gain on each analogue input (hardware-switchable high/low)
  - Switchable low-cut filter and limiter on each analogue input
  - 6 unbalanced line outputs (RCA)
  - Stereo digital input and output (selectable between SPDIF and AES/EBU)
  - Headphones output with level control
  - USB 2.0 high-speed data transfer to PC
  - Cascade feature to control up to four DR-680
  - Optional carrying case CS-DR680
  - Dimensions (W × H × D):  
217 mm × 56 mm × 189 mm
  - Weight: 1.2 kg (without batteries)



- Portable, ultra-compact and easy-to-use multitrack recorder
- Simple, intuitive user interface
- High-quality recording (44.1kHz/16-bit)
- Recording media: SD/SDHC card (2GB SD card included)
- 6 recording tracks (2 mono tracks, 2 stereo tracks, can also be used as mono tracks)
- Record a stereo source or two independent mono sources at once
- Simultaneous playback of all 6 tracks
- Built-in stereo condenser microphone
- Two Mic/Line inputs
- Dedicated Level and Pan controls
- Bounce feature (up to 6 tracks plus two input channels can be bounced to a new mono or stereo track)
- Dedicated stereo master track
- Locate features
- Repeat playback
- Editing functions: duplicate or erase tracks, cut parts, insert silence
- Undo/Redo feature (up to 500 steps, depending on memory capacity)
- Chromatic Tuner/Metronome
- USB 2.0 port for file transfer to/from computer
- Export your mix recording or individual tracks (WAV files) or back up your song to a computer
- Import individual tracks (WAV files) or restore backed-up songs from a computer
- Stand adapter (¼ inch) on bottom side to mount your Pocketstudio on a tripod or mic stand to ease instrumental or environmental recordings
- Power supply by AA batteries or optional AC adapter
- Dimensions (W × D × H): 155 mm × 42 mm × 107 mm
- Weight: 360 g



- Portable, ultra-compact and easy-to-use multitrack recorder
- Simple, intuitive user interface
- Use real knobs and buttons for frequently-used functions or easily navigate through the menu
- High-quality recording (44.1kHz/16-bit)
- Recording media: SD/SDHC card (2GB SD card included)
- 8 recording tracks
- Record a stereo source or two independent mono sources at once
- Simultaneous playback of all 8 tracks
- Built-in stereo condenser microphone
- Two Mic/Line inputs (XLR/TS combo connectors)
- Switchable phantom power for condenser microphones
- Dedicated Level and Pan controls
- Three-band parametric EQ per track, two-band parametric EQ on both inputs
- Dynamic effects on both inputs (compressor, exciter and de-esser)
- On-board Reverb processor with dedicated send knobs on each channel
- Auto punch in/out
- Footswitch connector to allow hands-free punch-in/out (footswitch available as an option)
- Track bounce feature
- Up to 8 tracks plus two input channels can be bounced to a new mono or stereo track
- Dedicated stereo master track
- Auto and manual mastering tools
- Single- or multi-band mastering compressor and a normalizer to master your mixes manually
- Locate features
- Repeat playback
- Editing functions: duplicate or erase tracks, copy, move or cut parts, insert silence
- Undo/Redo feature (up to 500 steps)
- Chromatic Tuner/Metronome
- USB 2.0 port for file transfer to/from computer
- Power supply by four AA batteries or optional AC adapter (Tascam PS-P520)
- Dimensions (W × D × H): 221 mm × 44 mm × 127 mm
- Weight: 610 g

## DP-03 8-TRACK DIGITAL PORTASTUDIO™



- 8-track digital Portastudio with CD burner
- Recording/playback at 44.1 kHz, 16 bit using SD/SDHC memory card
- Simultaneous recording of two tracks
- Simultaneous playback of eight tracks
- Dedicated stereo mixdown track to mix your song to a stereo file you can burn on CD or transfer to a computer for MP3 encoding
- Built-in stereo condenser microphone
- Two XLR mic inputs with phantom power for your favourite studio condenser microphones
- Two TRS line inputs, one switchable to guitar for direct connection of an electrical guitar or bass as well as synths, drum machines etc.
- RCA line output
- Headphones output with level control
- Two-band shelving EQ per track and on both inputs
- On-board reverb processor
- On-board mastering effects with two-band EQ, single/multi-band compression and a normalizer to maximise the overall level and improve the sound density
- Auto punch in/out for hands-free recording over a marked section
- Track bounce feature to use more than eight tracks by creating a mixdown of several tracks to another track
- Workstation-style editing with copy, move, open, cut etc.
- Multi-level undo/redo history
- Location marks to easily locate the start of verses, soli, vocals etc.
- Built-in tuner and metronome
- On-board CD/CD-RW burner
  - Create audio CDs from your mixes
  - Backup/restore your projects
  - Import files from audio CDs
- USB 2.0 port to backup/restore projects or import/export wave files from/to a computer
- Nine 45-mm faders
- Selectable foot switch operation mode
- Foot switch with three switches and assignable functions available as an option (RC-3F)
- Dimensions (W × H × D): 416 mm × 65 mm × 299 mm
- Weight: 4.5 kg

## DP-24 DIGITAL PORTASTUDIO



- 24-track digital Portastudio
- Color LCD display and 12-encoder channel strip for simple operation
- Eight microphone inputs on balanced combo XLR/jack connectors with phantom power
- Up to eight-track simultaneous recording at 48 kHz/24-bit audio resolution
- Solid-state recording to SD Card media for better shock resistance than hard drive recording
- Instrument-level input for direct recording of guitar or bass
- Dedicated controls for EQ, pan and effect sends
- Multiple effects processors for input processing, guitar amp simulation and mastering
  - Input effects: Limiter, Compressor, Noise suppressor, Exciter
  - Guitar effects: Amplifier simulator, Reverb, Compressor, Chorus, Flanger, Phase shifter etc.
  - Mixdown effects: Reverb, Delay, Stereo chorus, Stereo flanger
  - Mastering effect: Multi-band compressor, EQ, Noise shaping etc.
- Virtual tracks for alternate takes and undo
- CD-RW drive for mixdown and backup
- Built-in chromatic tuner and metronome
- MIDI input and output for clocking and control
- 6.3-mm jack monitor outputs, effect send outs and headphone output
- Dimension (W × H × D): 514 mm × 104 mm × 340 mm
- Weight: 6.2 kg



## DP-32 DIGITAL PORTASTUDIO



- 32-track digital Portastudio
  - 8 mono tracks, 12 stereo tracks (can also be used as mono tracks)
  - Record up to 8 tracks at once with 44.1 kHz/48 kHz and 16/24-bit audio resolution
  - Simultaneous playback of all 32 tracks
  - Virtual tracks for alternate takes and undo
  - Dedicated stereo master track
- Colour LC display and 12-encoder channel strip for simple operation
- Built-in 40-channel mixer
  - Mix down your 32 playback tracks with eight input signals to the dedicated stereo master track
  - Use the Bounce function to mix multiple tracks to a single mono or stereo track
- Dedicated controls for EQ, pan and effect sends
- Solid-state recording to SD Card media for better shock resistance and reliability compared to hard drive recording
- 8 balanced microphone inputs on balanced combo XLR/jack connectors
- Switchable phantom power for 4 channels each
- One input switchable to instrument level for direct recording of a guitar or bass
- Unbalanced stereo output (RCA jacks)
- Balanced stereo monitor output (6.3-mm TRS)
- Two unbalanced effect sends (6.3-mm TS)
- Stereo headphones output (6.3-mm TRS)
- MIDI input and output for MMC, Control Change and MTC output
- Footswitch input for Tascam RC-3F (optional)
- Input effects (Limiter, Compressor, Noise suppressor, Exciter)
- Guitar effects (Amp simulator, Reverb, Compressor, Chorus, Flanger, Phase shifter)
- Mixdown effects (Reverb, Delay, Stereo chorus)
- Mastering effect (Single/Multi-band stereo compressor, EQ, Noise shaping)
- Mark function (up to 99 location marks)
- Built-in chromatic tuner and metronome
- CD-RW drive for audio CD creation and file import and export
- USB 2.0 port for data backup/restore and file transfer with a computer
- Dimension (W × H × D): 514 mm × 104 mm × 340 mm
- Weight: 6.2 kg

## GB-10 / LR-10 TRAINERS/RECORDERS FOR GUITAR/BASS AND INSTRUMENTS/VOCALS



- Compact and light-weight all-in-one trainers/recorders for jamming/training with your favorite songs
  - Simply plug in your guitar/bass (GB-10) or record your instrument/vocal performance with the built-in stereo mics (LR-10)
  - Play or sing along with existing songs
  - Record over existing songs (overdub)
  - Capture musical ideas
  - Check your recordings with the built-in loudspeaker (LR-10)
  - Digitize your analogue music archives (line input, LR-10 only)
- Amp simulation, compressor and multi-effects included (GB-10), Reverb effect (LR-10)
- Tempo control: 50% to 150% in 10%-steps
- Key control:  $\pm 6$  semi-tones with  $\pm 50$  cents fine tune
- Tempo and key control can be used at the same time
- In-Out loop playback (up to five loops can be set for each file in a playlist)
- Flashback function (jump back by 1–10 seconds during playback)
- Built-in tuner and metronome
- MP3/WAV file playback and WAV file recording
- Pre-recording buffer (up to 2 seconds)
- Auto recording feature (start/stop recording depending on the input level)
- File divide function to clean a song start or ending from unwanted noise or to split large files into smaller pieces
- Uses an SD/SDHC memory card as recording/playback medium (a 2-GB card is included)
- Foot switch available as an option (Tascam RC-3F) for hands-free operation (Several operation modes selectable)
- USB 2.0 port for file transfer (cable included)
- Three options of power supply:
  - 2 AA batteries (Alkaline or NiMH)
  - USB bus power
  - Optional PS-P520 AC adapter
- Dimensions (W × H × D): 158 mm × 30 mm × 70 mm
- Weight: 0.16 kg (GB-10), 0.17 kg (LR-10)

## CD-BT2 / CD-GT2 / CD-VT2 CD INSTRUMENT AND VOCAL TRAINERS



- CD players with bass (BT), guitar (GT) or microphone (VT) pre amp and effects
- CD-DA/CD-R/CD-RW disc playback
- 10 second anti-shock memory
- Album title/Track title indication by CD-Text
- Elapsed/Remain time display with bar meter
- +16 to -50% pitch control in 1% steps
- VSA (Variable Speed Audition, tempo control without affecting key)
- Key control:  $\pm 6$  semi-tones, in semi-tone steps with  $\pm 50$  cents fine tune
- Single play and continuous play
- Single Loop, All Loop, seamless In-Out Loop
- Flash Back function (instant review up to 5 seconds prior playback)
- Chromatic tuner with calibration (435–445 Hz)
- 3 octaves tone oscillator
- Metronome (BPM: 40 to 220, Beat: 2 to 6)
- 6.3-mm input with level control
- Input level indicator on display
- Balance between input and CD signals adjustable
- 3.5-mm stereo line and headphone outputs
- Headphone volume control
- Mono monitor function for CD (L+R, L, R)

- Split monitor function (left channel: CD, right channel: input signal or vice versa)
- Comprehensive 128  $\times$  64 dot matrix LC display
- Two options of power supply: alkaline/NiMH batteries or optional AC adapter PS-P520
- Dimensions (W  $\times$  H  $\times$  D): 194 mm  $\times$  39 mm  $\times$  138 mm
- Weight (excluding batteries): 0.55 kg

### Individual features

- Built-in effects/sound controls:
  - BT: Up to 4 effect modules plus 7-band graphic EQ, 10 effect banks, Bass enhancement
  - GT: Up to 3 effect modules, 10 effect banks, Guitar Canceller with selectable pan point and frequency range
  - VT: Reverb and echo effects, Voice Changer (1 octave up/down), Instrument/Vocal Canceller with selectable pan point and frequency range
- Other inputs:
  - BT, GT: Foot switch connector, 5 selectable functions
  - VT: Second mic input with separate mix control on display

## PCM RECORDER STEREO RECORDER APPLICATION FOR iOS DEVICES



- Free app that turns your iPad, iPhone or iPod touch into a PCM audio recorder
- Ideal companion for Tascam iX2, iM2 or iM2X
- Look and feel like a Tascam DR series recorder
- Clear and easy to operate user interface
- Supports WAV format at 44.1 kHz, 16 bit
- Recording time up to 12 hours
- Large time display
- Audio level meter with peak-hold and numerical display
- Transport buttons for Playback, Recording, Stop, Fast Forward and Rewind
- Input and output level sliders
- Two-band equalizer (can be used during recording or playback)
- Switchable input limiter and low-cut filter
- Stereo/Mono switch, L-R channel swap

- Speaker switch
- File sharing with SoundCloud
- File transfer with a computer
- Supported iOS devices: iPad, iPad 2, iPhone 4 or later, iPod touch 4G or later
- Supported OS: iOS 4.3 or later

## IM2X/iM2 XY/AB STEREO CONDENSER MIC FOR iOS DEVICES



### IM2X

- Turns your Apple iPhone 4, iPad or iPod touch 4G into a high-grade PCM audio recorder
- Stereo condenser microphone in XY orientation for clear stereo definition and minimal phase differences
- Accepts sound pressure level up to 125 dB SPL
- Microphone can be swivelled by 180 degrees
- Allows CD quality recordings (44.1 kHz/16-bit)
- Input level rotary control
- Input level indicator (green/red)
- Switchable limiter
- Power supply via dock connector, no battery required
- USB connector available for recharging the iOS device
- Easy setup (attaches to the device's dock connector)
- Tascam 2-track recording app can be downloaded from the Apple AppStore at no charge
- Dimensions (W × H × D):  
56 mm × 57 mm × 22 mm
- Weight: 30 g

### iM2

- Turns your Apple iPhone 4, iPad or iPod touch 4G into a PCM audio recorder
- High-grade stereo condenser microphone (same as Tascam DR-2d) with built-in analogue/digital converter for high-quality sound recording (44.1kHz/16-bit)
- Attaches to the unit's dock connector
- Accepts sound pressure level up to 125 dB SPL
- Microphone can be swivelled by 180 degrees to capture sound sources in front or behind the unit
- Input level control
- Limiter to avoid overload
- Power supply via dock connector, no battery required
- USB connector available for recharging the Apple device
- Tascam 2-track recording app can be downloaded from AppStore at no charge
- Dimensions (W × H × D):  
55 mm × 49 mm × 21 mm
- Weight: 25 g

## iXJ2 MIC/LINE PREAMP FOR iOS DEVICES



### iXJ2

- Use your favourite microphones or line level (instrument) sources to create high-grade stereo audio recordings with an Apple iPhone 4/4S, iPad or iPod touch 4G
- Internal A/D converter for recordings in CD quality (44.1kHz/16-bit)
- Two unbalanced stereo input connectors (accept two mono or stereo sources)
- Input selection switch (A/B/STEREO)
- Switchable plug-in power
- Selectable mono summing for news gathering
- Limiter to avoid distorted recordings (selectable to either mono or stereo operation)
- Separate L/R input level rotary controls
- Separate L/R input level indicators (green/red)

- Powered via dock connector, no battery required
- USB connector for recharging the iOS device
- Tascam 2-track recording app can be downloaded from the Apple AppStore at no charge
- Dimension (W × H × D):  
60 mm × 47 mm × 17 mm
- Weight: 30 g

## iXZ MIC/GUITAR INTERFACE FOR iOS DEVICES



- High-quality mic/instrument preamp for Apple iPhone, iPad and iPod
- Use your Apple device for serious recording, guitar/bass/vocal training or karaoke
- Balanced/unbalanced combo input connector (XLR/TS)
- Switchable phantom power for condenser microphones
- Level control on mic input
- Headphone output
- Connection with Apple device via 4-pin mini plug (analogue)
- No battery required when used as instrument preamp
- Two AA batteries required for mic preamp and phantom power
- Tascam 2-track recording app can be downloaded from AppStore at no charge
- Dimensions (W × H × D): 106 mm × 40 mm × 45 mm
- Weight: 0.087 kg

## iUR2 USB AUDIO/MIDI INTERFACE

NEW!



- USB 2.0 Audio/MIDI interface that works with Mac OS and Windows (supports WDM as well as CoreAudio and CoreMIDI)
- Can also be used with iPad/iPad 2, iPhone 4/4S or iPod Touch 4G
- TRS balanced mic/line input (up to 24 dB input level)
- Phantom power for condenser microphone (needs external USB power)
- Left channel switchable to instrument level
- Latency-free direct input monitoring
- Coaxial digital output
- RCA unbalanced line output
- Headphones output
- Audio resolution:
  - 44.1kHz/16-bit with iOS devices
  - 48kHz/16-bit and 44.1kHz/16-bit with Mac/PC
- Supplies power to the iOS unit when connected to a USB bus
- Supports iOS 4.3 and later
- Can act as a docking station for synchronization (30-pin connector only)
- Tascam 2-track recording app can be downloaded from AppStore at no charge
- TRS/XLR conversion cables included to connect sources with standard XLR cables
- Mini jack/MIDI conversion cables included
- Dimensions (W × H × D): 100 mm × 20 mm × 120 mm
- Weight: 220 g

## US-100 USB AUDIO INTERFACE



- USB audio interface with two input and output channels
- 44.1/48 kHz, 16-bit resolution
- Balanced microphone input (XLR or TRS)
- Guitar input with separate connector on front panel (TRS)
- Unbalanced stereo line input (RCA), switchable to RIAA phono for direct connection of analogue turntables
- Ground terminal for turntables
- Unbalanced stereo line output (RCA)
- Headphones output (mini-jack)
- Direct monitoring function allows latency-free input monitoring
- Power supplied by USB connection – no AC adapter required
- Operates using standard Windows XP, Windows Vista and Mac OS X audio drivers
- Audacity recording software included
- Dimensions (W × H × D): 150 mm × 41 mm × 128 mm
- Weight: 0.53 kg

## US-125M USB AUDIO/MIDI INTERFACES



- USB audio interface with mixer functionality
- Combines a mic, instrument and line source with a computer audio signal and feeds the mix to your computer via USB
- Ideal for broadcasting (live streaming) over the internet
- Four inputs with dedicated level controls:
- Microphone input (balanced XLR/TRS on rear or unbalanced mini jack on front) with switchable limiter and Signal/Overload indicator
- Guitar input (standard phone jack)
- Stereo line input (RCA)
- Stereo audio input from computer via USB
- Stereo audio output to computer via USB or directly to RCA output jacks
- Monitor output (RCA) and headphones output (mini-jack) with level control
- Zero-latency hardware monitoring
- Can be used as a simple stand-alone mixer
- Operates using standard Windows (WDM) and Mac OS X (CoreAudio) audio drivers
- Audio resolution up to 16 bit/48 kHz
- USB 2.0 equipped (also supports USB 1.1)
- USB-powered, no AC adapter required
- Solid aluminum case
- Dimensions (W × H × D): 150 mm × 42 mm × 128 mm
- Weight: 0.5 kg

## US-122 MKII USB AUDIO/MIDI INTERFACE



- Provides two audio inputs and two audio outputs for a Windows or Macintosh computer
    - Two analogue line inputs (one switchable to high impedance for use with guitars, basses, etc.)
    - Common level control for headphones and line output
  - Two XLR mic inputs
  - Switchable phantom power (48 volt)
  - High-quality, low-noise mic preamps
  - One MIDI input, one MIDI output
  - USB 2.0 equipped (also supports USB 1.1)
  - Up to 96-kHz/24-bit for high quality recordings
  - Zero-latency hardware monitoring with level control and mono switch
  - USB-powered, no AC adapter required
  - Solid aluminum side panels
  - Steinberg Cubase LE 5 included
- Supported operating systems:
    - Windows XP, 32 bit or 64 bit, SP2 or later
    - Windows Vista, 32 bit or 64 bit, SP2 or later
    - Windows 7, 32 bit or 64 bit
    - Mac OS × 10.4.11
    - Mac OS × 10.5.6
    - Mac OS × 10.6 (32-bit and 64-bit versions)
  - Dimensions (W × H × D):
    - 179 mm × 136 mm × 47 mm
  - Weight: 0.7 kg

## US-144 MKII USB AUDIO/MIDI INTERFACE



- Provides four audio inputs and four audio outputs for a Windows or Macintosh computer
    - Two analogue line inputs (one switchable to high impedance for use with guitars, basses, etc.)
    - Stereo digital audio input and output (input: SPDIF, output: selectable SPDIF or AES/EBU)
    - Separate controls for output level and headphones volume
  - Two XLR mic inputs
  - Switchable phantom power (48 volt)
  - High-quality, low-noise mic preamps
  - One MIDI input, one MIDI output
  - USB 2.0 equipped (also supports USB 1.1)
  - Up to 96-kHz/24-bit for high quality recordings
  - Zero-latency hardware monitoring with level control and mono switch
  - USB-powered, no AC adapter required
  - Solid aluminum side panels
  - Steinberg Cubase LE 5 included
- Supported operating systems:
    - Windows XP, 32 bit or 64 bit, SP2 or later
    - Windows Vista, 32 bit or 64 bit, SP2 or later
    - Windows 7, 32 bit or 64 bit
    - Mac OS × 10.4.11
    - Mac OS × 10.5.6
    - Mac OS × 10.6 (32-bit and 64-bit versions)
  - Dimensions (W × H × D):
    - 179 mm × 136 mm × 47 mm
  - Weight: 0.7 kg

## US-322 USB AUDIO INTERFACE (2 IN / 2 OUT)

NEW!



- Provides two audio inputs and two audio outputs for a Windows or Macintosh computer
- Two XLR/TRS balanced mic/line inputs
  - Tascam HDDA microphone preamplifiers offering high S/N ratio, low input-referred noise and low distortion
  - Switchable phantom power (48 volt) for condenser microphones
  - One TRS input switchable to high impedance for use with guitars, basses, etc.
- Two line outputs (RCA or balanced TRS)
- Sampling rate up to 96 kHz / 24 bit
- On-board digital mixer, selectable between “Multi Track” and “Stereo Mix” modes:
  - Multi Track mode for DAW recording and composing
  - Stereo Mix mode for internet broadcasting and video editing
- Mixer panel for intuitive mixing and effects handling on the computer screen
- Dedicated button for opening/closing the mixer panel on the computer
- On-board effects:
  - Insert effects (compressor, de-esser, EQ etc.) to be used for inputs or the stereo mix
  - Reverb send effect to be used for any mixer channel
  - One input effect plus Reverb can be used simultaneously at sampling rates of 44.1/48 kHz
  - One digital effect can be used at sampling rates of 88.2/96 kHz
- Loop-back function allows sounds from the computer to be mixed and sent back to the computer (in Stereo Mix mode)
- Low-latency monitoring
- Monitor mix control for adjusting the level balance between signals from external devices and signals from the computer
- Output selector for each output, selectable between internal mixer and computer signals
- Headphones output with level control
- USB 2.0 bus-powered, no AC adapter required
- Cubase LE6 included
- Compatible computer operating systems: Windows XP, Windows 7, Windows 8, Mac OS × Snow Leopard, Lion, Mountain Lion
- Dimensions (W × D × H): 140 mm × 42 mm × 140 mm
- Weight: 500 g

## US-366 USB AUDIO INTERFACE (4 IN / 6 OUT OR 6 IN / 4 OUT)

NEW!



- Provides six audio inputs and four audio outputs (or four inputs and six outputs, depending on the setting of Line connectors 3 and 4) for a Windows or Macintosh computer
- Two XLR/TRS balanced mic/line inputs
  - Tascam HDDA mic preamplifiers offering high S/N ratio, low noise and low distortion
  - Switchable phantom power (48 volt)
  - One TRS input switchable to high impedance for use with guitars, basses, etc.
- Two line connectors (RCA, switchable in/out)
- Two line outputs (balanced TRS)
- Stereo digital input (selectable coaxial or optical, up to 192 kHz)
- Stereo digital output (coaxial and optical simultaneously, up to 192 kHz)
- Sampling rate up to 192 kHz / 24 bit
- On-board digital mixer, selectable between “Multi Track” and “Stereo Mix” modes:
  - Multi Track mode for DAW recording and composing
  - Stereo Mix mode for internet broadcasting and video editing
- Mixer panel for intuitive mixing and effects handling on the computer screen
- Dedicated button for opening/closing the mixer panel on the computer
- On-board effects:
  - Insert effects (compressor, 3-band EQ)
  - Reverb send effect
  - One input effect plus Reverb can be used simultaneously at 44.1/48 kHz
  - One digital effect can be used at sampling rates of 88.2/96 kHz
- Loop-back function allows sounds from the computer to be mixed and sent back to the computer (in Stereo Mix mode)
- Low-latency monitoring
- Monitor mix control
- Output selector for each output, selectable between internal mixer and computer signals
- Headphones output with level control
- Remote connector for external control
- USB 2.0 bus-powered, no AC adapter required
- Cubase LE6 included
- Compatible with Windows XP/7/8, Mac OS × Snow Leopard, Lion, Mountain Lion
- Dimensions (W × D × H): 140 mm × 42 mm × 140 mm
- Weight: 500 g

## US-200 USB AUDIO/MIDI INTERFACE



- Provides two analogue audio inputs, four analogue audio outputs and one MIDI input/output for a Windows or Macintosh computer
- Ideal for high-quality computer audio applications, mobile recording and DJing
- Full 24-bit/96-kHz recording without reduction of inputs/outputs
- Zero-latency analogue direct monitoring
- High-quality microphone preamps with switchable phantom power
- XLR/TRS combo connectors (balanced) on each analogue input
- One input switchable to instrument level for direct connection of a guitar or bass
- Line inputs switchable to mono
- Signal and overload indicators on each input channel
- RCA connectors (unbalanced) on each analogue output
- Level control for headphones and line output
- Monitor mix level control for headphones and line output
- USB 2.0 equipped
- USB-powered, no AC adapter required
- Cubase LE 5 included
- Supported operating systems:
  - Windows XP, 32 bit, SP3 or later
  - Windows XP, 64 bit, SP2 or later
  - Windows Vista, 32 bit or 64 bit, SP2 or later
  - Windows 7, 32 bit or 64 bit
  - Mac OS × 10.5.8 or later
  - Mac OS × 10.6.3 or later
- Dimensions (W × H × D): 172 mm × 44 mm × 165 mm
- Weight: 0.48 kg

## US-1800 USB AUDIO/MIDI INTERFACE (16 IN 4)



- Provides 16 audio inputs and 4 audio outputs plus one MIDI input and output for a Windows or Macintosh computer
  - 8 mic/line inputs with phantom power (switchable for 4 channels each) and level indicators on front panel
  - Two 6.3-mm balanced line/instrument inputs on front
  - Four more balanced line inputs on rear panel
  - Four line outputs
- Up to 96 kHz sampling rate at 24-bit resolution
- Separate stereo 6.3-mm monitor output
- Stereo digital I/O (input: SPDIF, output: switchable between SPDIF and AES/EBU)
- Analogue and digital inputs can be used simultaneously
- 16-channel MIDI I/O
- Separate monitor and headphone level controls
- Zero-latency hardware monitoring
- USB 2.0 interface
- Steinberg Cubase LE 5 (Mac/PC) included
- Supported operating systems:
  - Windows XP, 32 bit or 64 bit, SP2 or later
  - Windows Vista, 32 bit or 64 bit, SP2 or later
  - Windows 7, 32 bit or 64 bit
  - Mac OS × 10.6.3 or later
- 1-U rackmount chassis
- AC adapter Tascam PS-1225L included
- Dimensions (W × H × D): 483 mm × 44 mm × 280 mm
- Weight: 3.1 kg



## US-2000 16/4-CHANNEL USB AUDIO INTERFACE



- High-quality, 24-bit/96-kHz USB 2.0 audio interface
- Provides 16 audio inputs and 4 audio outputs for a Windows or Macintosh computer
- 8 balanced microphone inputs with high-grade preamplifiers
  - 6 XLR connectors on the rear
  - 2 XLR/jack combo connectors on the front (switchable to Instrument level)
  - Inserts on mic channels 7 and 8
  - 48 Volt phantom power switchable for two channels each
- 6 balanced line inputs on rear (phone connectors, input level switchable between +4 dBu and –10 dBV)
- Mono switches for each analogue input channel pair
- Stereo digital input (SPDIF) and stereo digital output (selectable between SPDIF and AES/EBU)
- 4 balanced line outputs
- High-level headphones output
- Direct monitor function allows zero-latency monitoring of inputs
- Separate level controls for Phones output, Monitor output, signals sent from computer, and signals received via the input connectors
- 5-segment level meter for each input and output
- AC-powered (adapter not required)
- Solid metal chassis with aluminum front panel
- Steinberg Cubase LE 5 included
- Supported operating systems:
  - Windows XP, 32 bit or 64 bit, SP2 or later
  - Windows Vista, 32 bit or 64 bit, SP2 or later
  - Windows 7, 32 bit or 64 bit
  - Mac OS X 10.4.11
  - Mac OS X 10.5.6
  - Mac OS X 10.6 (32-bit and 64-bit versions)
- Dimensions (W x H x D): 438 mm x 44 mm x 280 mm
- Weight: 2.5 kg

## TA-1VP VOCAL PROCESSOR



- Auto-tune real-time pitch correction
  - EVO voice processing technology for enhanced tracking and correction capabilities
  - Correct the pitch of vocals (or solo instruments) in real time and without distortion or artifacts while preserving all of the expressive nuances of the original performance
- Microphone modelling
  - Give your vocal tracks the characteristics of a variety of high-end studio mics
  - Adjust the proximity effect associated with mic distance
- Analogue tube modelling
  - Give your vocals the warmth of a classic tube preamp
- Variable knee compressor
  - Manipulate the dynamics with a state-of-the-art dynamics processor
  - Threshold, ratio, attack and decay controls
  - Continuously variable knee characteristic
- Downward expanding gate
  - Gate with threshold and ratio controls to eliminate noise and breath sounds
  - Works independently of the compressor
- Variable-frequency de-esser
  - Tame the sibilance of vocals
  - Controls available: Threshold, ratio, attack, decay, variable-frequency highpass
- Flexible parametric 2-band EQ
  - Fine-tune your vocal sound with two independent bands of equalization
  - 6 dB or 12 dB high or low cut, high or low shelving with variable slope, bandpass, notch and fully parametric peaking
- Automatic mono or stereo double tracking
  - Automatically mix a doubled track into the units main output or route it to a separate output for post-processing and mixing
- Programmable settings
  - Every parameter can be saved as a preset
- Presets for a wide variety of vocal styles
  - An extensive collection of factory presets for many vocal styles included as standard
- MIDI control in realtime
  - MIDI controllers for realtime automation
- Really easy to use (virtually every major function is only a single button press away)
- Dimensions (W x H x D): 483 mm x 44 mm x 128 mm
- Weight: 2 kg



IF-SM/DM  
Surround monitoring card

IF-FW/DM MKII  
FireWire card



**Mixer section**

- 48 mixing channels (32 channel inputs plus 16 returns)
- 16 bus outputs, eight AUX outputs, one stereo output, 32 direct outputs
- Four-band EQ and dynamics on each input channel (CH 1 to 32)
- Dynamics on each output (16 busses, eight Aux sends, and Stereo output)
- Built-in effects processing
- On board TC Reverb
- 16 plus one touch-sensitive motorised faders

- SEL/SOLO/MUTE keys and rotary encoder with ring LED on each channel strip (16 channel strips)
- Five mixer layers (Ch. 1–16, Ch. 17–32, Returns 1–16, Busses 1–16, Auxes 1–8) and a Remote layer for DAW control
- Built-in Talkback microphone
- Flexible I/O routing
- Surround mixing capability
- On-board automation
- Total recall by project management

**Inputs and outputs**

- 16 XLR balanced MIC inputs with phantom power and 20dB PAD
- 16 TRS balanced Line inputs
- 16 TRS unbalanced inserts
- Four assignable sends/returns
- XLR balanced stereo output
- RCA unbalanced Studio output
- RCA unbalanced 2-track inputs
- TRS balanced Control Room output
- Two XLR AES/EBU digital I/O

- Two Coaxial SPDIF digital I/O
- ADAT I/O (8 channels)
- Three TDIF-1 I/O (24 channels)
- Two headphone outputs
- RCA TC input
- Two expansion slots (support for optional FireWire, ADAT, AES/EBU, Analog, and TDIF cards; see page 38)

**General**

- Sampling frequency: 44.1, 48, 88.2, 96 kHz, Resolution: 24-bit
- The same mixing specifications in 48k and 96k modes
- Word Sync In, Out/Thru
- MIDI In, Out, Thru/MTC Out
- Dedicated Cascade port for cascading of two DM-3200 mixers
- Foot switch connector for hands-free operation of selected functions
- Optional Meter bridge (MU-1000)
- DAW interconnection via optional FireWire card (IF-FW/DM MKII)
- Transport Control
- Surround monitoring with optional expansion card (IF-SM/DM)
- CompactFlash card for saving / loading internal data
- Includes Tascam Mixer Companion software (Windows XP & Mac)
- Driverless USB connection to computer
- Backup/restore data via USB
- GPI functionality
  
- Dimensions (W × H × D): 700 mm × 230 mm × 824 mm
- Weight: 24 kg



### Mixer section

- 64 mixing channel modules (48 full-function channels plus 16 "simple" channels)
- 24 busses, 12 aux sends, 48 direct outputs, one stereo bus
- Four-band EQ and dynamics on each full-function channel
- Full dynamics processing with compressor/expander and gate on each full-function channel
- Two high-quality digital effects including reverb by TC Works
- Dedicated full-channel section for direct access to module parameters

- 24 plus one touch-sensitive motorised faders
- 24 rotary encoders with ring LED indicators
- Five mixer layers (Ch. 1–24, Ch. 25–48, Ch. 49–64, Busses 1–24, Auxes 1–12) and a Remote layer for DAW control
- Built-in Talkback microphone
- Flexible I/O routing
- Three surround matrices
- On-board automation
- Total recall by project management

### Inputs and outputs

- 24 XLR balanced MIC inputs with phantom power and 20dB PAD
- 24 TRS balanced Line inputs
- 24 TRS unbalanced inserts
- Eight assignable sends/returns
- XLR balanced stereo output
- RCA unbalanced 2-track input
- Two XLR AES/EBU digital I/O
- Two coaxial SPDIF digital I/O
- ADAT I/O (8 channels)
- Three TDIF-1 I/O (24 channels)

- Four expansion slots (support for optional FireWire, ADAT, AES/EBU, Analogue, and TDIF cards; see page 38)
- Two sets of control-room monitor outputs with six assignable source selects
- Two headphone outputs
- BNC Word Clock input and output
- RCA Time Code input
- MIDI In, Out, Thru/MTC Out

### General

- Sampling frequency: 44.1, 48, 88.2, 96kHz, Resolution: 24-bit
- The same mixing specifications in 48k and 96k modes
- Dedicated Cascade port for cascading of two DM-4800 mixers
- DAW interconnection via optional FireWire card (IF-FW/DM MKII)
- Transport Control
- Surround monitoring with optional expansion card (IF-SM/DM)
- CompactFlash card for saving / loading internal data
- Includes Tascam Mixer Companion software (Windows XP & Mac)
- Driverless USB connection to computer
- Backup/restore data via USB
- GPI functionality
- Foot switch connector for hands-free operation of selected functions
- RS-422 serial port to control external equipment
- Optional Meter bridge (MU-1000)
  
- Dimensions without Meterbridge (W × H × D): 933 mm × mm 230 × 824 mm
- Weight: 35 kg

## DM OPTIONS OPTIONS FOR DM SERIES MIXING CONSOLES



### IF-SM/DM

- Surround monitoring card
- Installs into expansion slot of DM series mixers
- Eight analogue output channels
- 44.1k, 48k, 88.2k, 96k operation
- Flexible downmixing
- Uses the mixer's Pink Noise generator for monitor calibration
- Individual channel Mute/Solo
- Individual channel delay compensation
- Surround Bass Management

### IF-FW/DM MKII

- FireWire interface card
- Simple FireWire (IEEE-1394) connection to computer for audio and control data exchange
- 44.1k, 48k, 88.2k, 96k operation
- Dedicated MIDI input and output ports
- Mac OS x (10.5 and 10.6) and Windows 7/ Vista/XP compatibility
- Dedicated control panel for Windows and Macintosh

**MU-1000:** 24-channel meterbridge with timecode display

**IF-AN/DM:** 8-channel analogue line-level I/O card

**IF-AD/DM:** 8-channel ADAT I/O card (44,1/48 kHz)

**IF-AE/DM:** 8-channel AES/EBU card

### IF-AV/DM

- 16-channel audio output to Aviom® A-Net® systems (up to 150 m signal transmission)
- 44.1/48 kHz sample rates at 24-bit resolution
- Less than 800 µs latency
- Stereo linking

### IF-CB/DM

- 16 I/O audio interface to CobraNet® networks (up to 100 m signal transmission)
- 48 kHz sample rate at 24-bit resolution
- Redundant network
- Selectable signal latency: 1.33/2.67/5.33 ms
- Less than 1 ns jitter
- CobraNet applications included

## X-48 MKII 48-TRACK HYBRID HARD DISK WORKSTATION



### Multitrack Recording

- 48-track digital recording at up to 96 kHz/24 bit
- 32-bit floating point audio file recording and playback with no loss of track count
- Advanced integrated synchronization and machine control, including HDTV tri-level sync
- Time-stamped Broadcast Wave file format
- Front-panel transport, track arming, project management and metering functions
- Built-in 1-TB hard drive
- Built-in DVD+RW for backup, transfer and restore
- ±12.5% varispeed
- Grid-style editing

### Workstation/Mixing

- Turn-key operation: no software conflicts to troubleshoot
- Graphic user interface for editing, mixing, plug-ins and meters
- 48-channel mixing at 96kHz
- 32-bit floating point mixer resolution
- 6 stereo returns (60 inputs at mixdown)
- 24 busses, 6 aux sends, stereo master bus
- Full dynamic automation

- Dynamics, 4-band parametric EQ and 4 VST plug-in inserts per channel

### Rear Panel Connections

- 48 TDIF digital inputs and outputs
- Stereo SPDIF In and Out
- Two 24-channel option slots support analogue, ADAT or AES/EBU expansion cards
- BNC Video In and Thru, auto-terminating
- BNC Word Clock In, Out and Thru, auto-terminating
- MIDI In and Out
- TRS balanced 6.3-mm SMPTE In and Out
- 6.3-mm foot switch input
- eSATA port for external hard drives

- Dimensions (W × H × D):  
483 mm × 184 mm × 439 mm
- Weight: 13.7 kg

## HS-8 8-TRACK AUDIO RECORDER/PLAYER



- Highly professional 8-track recorder
- Uses secure CompactFlash cards as recording media (Dual CompactFlash slot, UDMA support ensures direct, fast data transfer between internal memory and CF media)
- Uses broadcast wave format (BWF) with industry-standard iXML metadata
- Tracks available for recording/playback:
  - 8 tracks with 2 additional tracks for a monitor mix at 48/44.1 kHz sample rates
  - 8 tracks at 96/88.2 kHz sample rates
  - 4 tracks at 192/176.4 kHz sample rates
  - Overdubbing is not supported
- 16/24-bit recording resolution
- World's first solid state recorder with multi-track flash start capability (instantaneous playback start by optional remote control, parallel control, RS-232C serial control or computer keyboard)
- Internal mixer for stereo monitoring and submix to an additional stereo track
- TFT colour touch panel interface
- Pre-recording up to 5 seconds
- Locate marker function (auto/manual)
- Auto Cue, Auto Ready, Incremental Play and Repeat functions

### Inputs and Outputs

- 8 balanced line inputs and outputs on 25-pin D-sub connector
- 2 balanced XLR inputs and outputs for stereo mix track
- 8 AES/EBU digital inputs and outputs on 25-pin D-Sub connector
- AES/EBU digital input and output (XLR) for stereo mix track
- 8-track ADAT digital optical input and output
- Parallel control port
- Serial control port (RS-422 or RS-232C format)
- Remote connector for optional flash start controller (RC-HS20PD)
- SMPTE Timecode input/output
- Video sync input (supports NTSC/PAL, BB and HD Tri-level)
- Word sync input/output (BNC)
- Gigabit Ethernet connection for data transfer, remote control or remote monitoring (with future firmware update)
- Computer keyboard (PS/2) connector for easy naming of files and folders
- Dimensions (W × H × D):  
483 mm × 88 mm × 288 mm
- Weight: 4.8 kg

## HS-4000 4-TRACK AUDIO RECORDER/PLAYER



- High-quality 4-track audio recorder for professional broadcast and recording applications
- Two operation modes:
  - Timeline mode: Use the unit like a tape recorder
  - Take mode: Record/play separate audio takes, use playlists and flash start
- Ideal replacement for current DAT, MD, MO or other recorders
- Fast boot time
- Dual Deck mode operates as two separate stereo recorders
- Easy to read and operate through TFT colour touch screen interface
- Dual CompactFlash slot with UDMA support
- Mirroring and continuous recording between two CFs
- Uses broadcast wave format (BWF) with mark function
- Sample rates: 96/88.2/48.048/48/47.952/44.1 kHz at 16/24-bit resolution
- Pre-recording up to 5 seconds (audio is captured before the record button is actually pressed)
- Flash start with optional flash start controller RC-HS32PD
- Locate marker function (auto/manual) Online function with dedicated outputs for pre-listening and on-air playback

- Confidence monitoring
- Editing functions (divide, combine, erase)
- Projects can be exported in AES31 format
- Auto Cue, Auto Ready, Incremental Play, Repeat
- Playlist function
- Jog/Shuttle function
- 2U rack-mount size

### Inputs and Outputs

- Balanced analogue inputs and outputs (XLR)
- Additional balanced monitor output (XLR)
- AES/EBU input, main and monitor outputs
- Parallel control port RS-422 serial control port
- RS-232C serial control port SMPTE Timecode input/output as standard
- Word sync input/output (BNC)
- Video sync input (BNC)
- Gigabit Ethernet connection for data transfer, remote control or remote monitoring
- Remote connector for optional flash start controller
- USB connector for data exchange with external storage devices
- Computer keyboard (PS/2) connector for easy naming of files and folders
- Dimensions (W × H × D):  
483 mm × 88 mm × 317 mm
- Weight: 5.5 kg

## HS-2000 STEREO AUDIO RECORDER



- **Differences to HS-2 are marked in red**
- High-quality stereo audio recorder for professional broadcast and recording applications
- Two operation modes:
  - Timeline mode: Use the unit like a tape recorder
  - Take mode: Record/play separate audio takes, use playlists and flash start
- Ideal replacement for current DAT, MD, MO or other recorders
- Fast boot time
- Easy to read and operate through TFT colour touch screen interface
- Dual CompactFlash slot with UDMA support
- Mirroring and continuous recording between two CFs
- Uses broadcast wave format (BWF) with mark function
- Sample rates: 192/176.4/96/88.2/**48.048**/48/**47.952**/44.1 kHz at 16/24-bit resolution
- Pre-recording up to 5 seconds (audio is captured before the record button is actually pressed)
- Flash start with optional flash start controller RC-HS20PD or RC-SS20
- Locate marker function (auto/manual)
- **Online function with dedicated outputs for pre-listening and on-air playback**
- Confidence monitoring

- Editing functions (divide, combine, erase)
- Projects can be exported in AES31 format
- Auto Cue, Auto Ready, Incremental Play, Repeat
- Playlist function
- Jog/Shuttle function
- 2U rack-mount size

### Inputs and Outputs

- Balanced analogue inputs and outputs (XLR)
- **Additional balanced monitor output (XLR)**
- AES/EBU input, main output and monitor output
- Parallel control port
- **RS-422 serial control port as standard**
- RS-232C serial control port
- **SMPTE Timecode input/output as standard**
- Word sync input/output (BNC)
- Video sync input (BNC)
- Gigabit Ethernet connection for data transfer or remote control
- Remote connector for optional flash start controller
- USB connector for data exchange
- Computer keyboard (PS/2) connector for easy naming of files and folders
- Dimensions (W × H × D):  
483 mm × 88 mm × 317 mm
- Weight: 5.5 kg

## HS-2 STEREO AUDIO RECORDER



- High-quality stereo audio recorder for professional broadcast and recording applications
- Ideal replacement for current DAT, MD, MO or other recorders
- Easy to read and operate through TFT colour touch screen interface
- Two memory card slots (CF/SD) with UDMA support
- Mirroring between two cards
- Uses broadcast wave format (BWF) with industry-standard iXML metadata
- Sample rates: 192/176.4/96/88.2/48/44.1 kHz at 16/24-bit resolution
- Pre-recording up to 5 seconds
- Flash start with optional flash start controller RC-HS20PD or RC-SS20
- Locate marker function (auto/manual)
- Editing functions (divide, combine, erase)
- Auto Cue, Auto Ready, Incremental Play and Repeat, Jog/Shuttle function
- Playlist function
- 2U rack-mount size

### Inputs and Outputs

- Balanced analogue inputs and outputs (XLR)
- AES/EBU input and output
- Parallel control port
- RS-232C serial control port
- RS-422 serial control port (with optional SY-2 sync extension)
- SMPTE Timecode input/output (with optional SY-2 sync extension)
- Word/video sync input (BNC)
- Word/video sync through / Word sync output (BNC)
- 1000BASE-T Ethernet connection for data transfer or remote control
- Remote connector for optional flash start controller
- USB connector for data exchange with external storage devices
- Computer keyboard can be connected (PS/2, USB) for easy naming of files and folders
- Dimensions (W × H × D):  
483 mm × 88 mm × 317 mm
- Weight: 4.9 kg

## RC-HS20PD / RC-HS32PD FLASH START CONTROLLERS FOR HS RECORDERS



### RC-HS20PD

- Colour TFT touch screen interface
- 20 illuminated flash start keys
- Up to 100 tracks available for flash start through touch screen
- Transport and Online buttons recessed to prevent accidental operation
- 100-mm fader with fader start capability and 0-dB lock
- Monitor speaker and headphones output for monitoring
- CAT6 connection to HS-2 and HS-8
- Dimensions (W × H × D):  
216 mm × 75 mm × 200 mm
- Weight: 1.4 kg

### RC-HS32PD

- Flash start or fader start/stop control for HS-4000 and HS-2000
- Colour TFT touch screen interface for full control of the recorder
- 32 flash start keys with 64 × 32 dot matrix colour LCD for file name display
- Single Deck mode (32 keys × 3 pages) or Dual Deck mode (16 keys × 6 pages)
- Two operation modes:
  - Flash start: Press key to start playing the take immediately
  - Standby: While a take is playing, press key to reserve the take as the next playback take to be started immediately after the current take is finished
- Two 100-mm faders with fader start/stop capability and 0-dB lock
- Monitor speaker and headphones output for monitoring
- CAT6 remote connection with recorder
- Dimensions (W × H × D):  
429 mm × 99 mm × 232 mm
- Weight: 4.3 kg

## HS-P82 PROFESSIONAL MULTI-TRACK FIELD RECORDER



### Recording

- Dual CompactFlash recording media supports backup and mirroring
- Long battery life through low power usage
- Easy to read and operate using pivoting TFT colour touch panel interface
- All-aluminum chassis is rugged yet lightweight
- 8-track recording plus stereo mix for a total of 10-track recording
- 8-track recording at up to 96 kHz/24 bit
- 4-track recording at 192 kHz/24 bit
- Mirror recording over two CF cards (44.1 kHz/48 kHz only)
- Broadcast WAV (BWF) support
- Support for mid-side (MS) encoding/decoding
- Various power options:
  - NP type batteries
  - AC adapter (included)
  - External DC input
  - Optional V-mount adaptor for Endura batteries
  - AA batteries (x10)
- Pre-record buffer (up to 5 seconds)
- Internal microphone for slate recording
- Limiter and low-cut filter per track

- Auto or manual cue points
- Alert signal to headphone output
- Retake function
- Panel lockout function to prevent accidental transport switching

### Inputs/Outputs

- 8 high-quality microphone preamps and A/D converters with independent 48V phantom power for each (standard XLR connectors)
- 8 AES/EBU inputs and outputs (DB-25)
- Sample rate converter on each AES/EBU input
- 2 balanced analogue outputs (XLR connectors)
- Stereo digital output (BNC connector)
- SMPTE Timecode input and output
- Video/Word Clock/Cascade input/output
- Headphones output (6.3-mm stereo jack)
- PS/2 keyboard input for track naming
- USB 2.0 high-speed data transfer to PC
- Optional Fader Unit (RC-F82, see next page)
  
- Dimensions (W × H × D):  
270 mm × 100 mm × 260 mm
- Weight: 3.65 kg

## RC-F82 FADER UNIT FOR HS-P82



- Fader and transport remote controller for Tascam HS-P82
- Eight 100 mm faders (with dust protection) for controlling the mix or input trim level of each channel on the HS-P82
- Eight rotary knobs for controlling the input trim level, mixer pan or mixer level of each channel on the HS-P82
- Two rotary knobs for the stereo mix (for master and solo levels)
- Eight dedicated keys for enabling/disabling SOLO and recording MUTE functions
- Eight dedicated keys for calling up channel setup screens and enabling/disabling recording
- A dedicated key for calling up the L/R SETUP screen for the stereo mix and for enabling/disabling recording
- Four direct access (shortcut) buttons to open the MIXER SETUP and REMOTE SETUP screens
- Dedicated keys for transport control
- Balanced XLR LINE IN connectors (STEREO)
- Balanced XLR LINE OUT connectors (two stereo pairs)
- Convenient talkback function with built-in microphone (signal can be output from a pair of line output connectors)
- Balanced XLR RETURN IN connectors for talkback (includes level adjustment and solo control)
- RETURN signal can be monitored using headphones
- Headphones connector with level control for monitoring
- Headphones monitoring can be set to STEREO, MONO, L MONO or R MONO
- Designed to be placed on top of an HS-P82 unit (same footprint)
- Connects with an HS-P82 unit by PS/2 (and is also powered by this connection)
- PS/2 external keyboard can be connected
- Dimensions (W × H × D): 270 mm × 63 mm × 260 mm
- Weight: 2.5 kg

## HD-P2 PORTABLE, HIGH-DEFINITION STEREO RECORDER



### Recording

- Recording media: CompactFlash
- 16 or 24 bit resolution at sample rates from 44.1 kHz through 192 kHz
- Writes uncompressed, time-stamped Broadcast Wave file format
- Pre-Record Cache and Retake function
- Audio files continually re-saved

### Inputs and Outputs

- Balanced XLR mic inputs with phantom power, PAD, and analogue peak limiter
- Low-cut filter on each analogue input
- Unbalanced stereo line input (RCA)
- Unbalanced stereo line output (RCA)
- SPDIF digital input and output (coaxial)
- Headphone output (6.3-mm stereo jack)
- Built-in mono microphone and speaker
- FireWire port for connection with PC/Mac
- Analogue level controls

### Synchronization

- SMPTE/LTC timecode input (XLR)
- Chase incoming SMPTE timecode
- Video clock input
- Tri-level sync support

- Frame Lock, Lock and Release and flexible Freewheel settings
- Pull-up and Pull-down sample rates

### Convenience

- Familiar tape machine-style layout and function
- Easily enter/edit file names via Computer Keyboard
- Large, angled, uncluttered LC display
- Shortcut keys and LED indicators for frequently-accessed functions
- Recessed CompactFlash slot
- Runs on eight AA batteries (Alkaline, NiMH or NiCd) or DC power adapter
- Approximately 5.5 hours of operating time on battery power
- Durable and lightweight housing
- Supplied accessories: shoulder belt, carrying case
- Dimensions (W × H × D): 260 mm × 196 mm × 65 mm
- Weight: 1.2 kg



## DV-RA1000 HD AUDIO/DSD MASTER RECORDER WITH HARD DISK DRIVE



- High-quality stereo recording at 192kHz/24-bit or DSD format
- Records audio data directly to internal Hard Disk Drive
- Records Broadcast Wave and DSDIFF files to DVD±RW media (computer-readable UDF 1.5 disk format)
- Records directly to CD-R/RW media (standard CD-DA format)
- Copies audio data from HDD to DVD±R for archiving purposes
- Duplicates discs or copies audio files between optical discs and the Hard Disk Drive
- DVD±RW recordings fully compatible with DV-RA1000 and vice-versa
- Multiband compression and 3-band EQ for master processing
- Fade in/out and editing functions
- USB 2.0 port
- Balanced XLR and unbalanced RCA I/O
- Balanced AES/EBU inputs and outputs
- SDIF-3 DSD I/O for external conversion and processing of DSD audio
- Dedicated input level soft control
- Adjustable maximum output level
- ±6% pitch control
- Word Sync In, Out, Thru
- Wired remote control and RS-232C serial port
- PS/2 keyboard connector
- User-definable function keys
- Large, backlit LC display
- Power-on Play feature
- Auto track increment
- Various playback modes including auto cue, auto ready and A/B play
- Headphone output
- Dimensions (W × H × D): 483 mm × 95 mm × 357 mm
- Weight: 6.8 kg

### Applications

- Master Recording
- Mastering
- Live Recording
- Sound Installations

## DA-3000 HIGH-DEFINITION AUDIO RECORDER / AD/DA CONVERTER

NEW!



- Sophisticated 2-track audio recorder for highest demands
- Latest circuit design with Burr-Brown converters and selected components for outstanding sound quality
- Dual monaural D/A converters for reduced interference between channels
- Sampling rate up to PCM 192 kHz, DSD 5.6 MHz
- High-precision clock synchronization with sample-accuracy at both recording and playback
- Recording to SD/SDHC or CompactFlash media
- Playback from SD/SDHC, CompactFlash or USB flash drive media
- DD mode divides audio material into tracks automatically by detecting DAT IDs
- XLR analogue balanced I/O
- RCA analogue unbalanced I/O
- Coaxial digital I/O (SPDIF)
- XLR digital I/O (AES/EBU / SPDIF)
- BNC digital I/O (SDIF-3 / DSD-raw)
- Wordclock I/O (output switchable to Thru)
- Up to four units can be cascaded for 8-track synchronized recording and playback
- Easy-to-read LED level meters (24 dots)
- OLED display (128 x 64 dots) provides wide viewing angle and high visibility
- 1U compact size
- Dimensions (W × H × D): 483 mm × 44 mm × 300 mm

## HD-R1 PROFESSIONAL SOLID-STATE AUDIO RECORDER



- 1-U rack-mount solid-state audio recorder
- Uses popular, secure CompactFlash card as recording media
- USB host interface for USB flash cards
- Audio data formats: PCM (16/24 bit), MP3
- Sampling rates supported: 44.1 kHz, 48 kHz, 96 kHz (PCM only)
- XLR balanced mic/line I/O with switchable 20 dB PAD
- Phantom power (switchable on rear panel, front LED indicator)
- Euroblock terminal I/O
- Unbalanced RCA I/O
- Rotary analogue input level controls on front panel
- SPDIF Digital I/O (coaxial and optical)
- RJ-45 Ethernet interface (100 Mbit/s) for file transfer and control via web browser or Telnet
- RS-232 interface for control
- D-sub 25-pin parallel remote control interface
- Direct Play via parallel interface
- Optional direct play remote control RC-SS20
- Power-on play (playback starts when power comes up)
- Headphones jack with level control on front panel
- Input Through feature
- Auto Fade feature
- Input monitoring/mixing of live stereo input along with playback
- Play modes:
  - Program
  - Folder
  - Shuffle
  - Interval, and more
- Dimensions (W × H × D): 483 mm × 44 mm × 280 mm
- Weight: 3.2 kg

## SS-R200 / SS-CDR200 SOLID STATE/CD-RW AUDIO RECORDERS



- **SS-R200:** Solid state stereo audio recorder
  - Uses SD, CF or USB memory as recording media
  - No moving mechanism for high reliability
  - Supports WAV file recording/playback to/from memory
- **SS-CDR200:** Combination solid state / CD-RW stereo audio recorder
  - Applicable media for CD-RW recorder: CD-R, CD-RW, CD-R-DA, CD-RW-DA
  - Supports MP3 file recording/playback to/from CD (ISO 9660 format) and memory
  - CD to memory copy and memory to CD (CD-DA or Data CD)
- Remarkable space-saving 1-U rack-mount
- 16 bit resolution at 44.1/48 kHz
- 24-bit WAV file playback
- Sampling rate converter included
- MP3 bit rates from 64 KBit/s to 384 KBit/s
- Built-in clock for time-stamping
- Ideal for replacement of current cassette deck or MD/CD recorder
- Long time recording for meeting minute recording
- Long time playback and various playback modes for sound installations (all, folder, play list (up to 3), single, random, repeat)
- Edit functions for WAV files on memory card (divide, combine, delete, rename)
- Pitch control, key control, call, auto cue, auto ready, incremental play, power-on play
- Sync recording
- Auto or manual track increment
- Flash start and EOM features
- XLR balanced and RCA unbalanced analogue I/O
- Coaxial SPDIF digital I/O
- Mono mix playback
- D-sub 9-pin RS-232C serial control port
- D-sub 25-pin parallel control port
- Computer keyboard (PS/2, USB) input for folder/file name editing and remote control
- Wired remote control included (5m)
- Optional direct play remote control (RC-SS20 or RC-20) and footswitch (RC-3F)
- Dimensions (W × H × D): 483 mm × 44 mm × 301 mm
- Weight: 3.4 kg (SS-R200), 3.7 kg (SS-CDR200)

## SS-R100 SOLID STATE AUDIO RECORDER



- Solid state stereo audio recorder
  - Uses SD, CF or USB memory as recording media
  - No moving mechanism for high reliability
  - Supports WAV and MP3 file recording/playback
- Remarkable space-saving 1-U rack-mount
- 16 bit resolution at 44.1/48 kHz
- 24-bit WAV file playback
- Ideal for replacement of current cassette deck, CD or MD recorder
- Long time recording for meeting minute recording
- Long time playback and various playback modes for sound installations (all, folder, play list (up to 3), single, random, repeat)
- Edit functions for WAV files on memory card (divide, combine, delete, rename)
- Pitch control, key control, call, auto cue, auto ready, incremental play, power-on play
- Sync recording
- Auto or manual track increment
- Flash start feature
- RCA unbalanced analogue I/O
- Coaxial SPDIF digital I/O with sampling rate converter
- Mono mix playback
- Computer keyboard (PS/2, USB) input for folder/file name editing and remote control
- Wired remote control included (5 m)
- Optional footswitch for controlling transport and pitch (RC-3F)
- Dimensions (W × H × D): 483 mm × 44 mm × 301 mm
- Weight: 3.4 kg

## RC-3F / RC-20 REMOTE CONTROLS



### RC-3F

- Three-pedals footswitch (left, center, right) for hands-free operation of CD-500/CD-500B, SS-R100, SS-R200, SS-CDR200, DR-40, DR-100MKII, DP-03, DP-24 and other supported Tascam devices
- Perfect to control transport and trainer functions of GB-10 and LR-10 trainers
- Function can be set by the controlled unit
- Battery charge indicator on bottom side
- 2.5-mm TRS plug with 3.9 m cable
- Output format: UART signal (9600 bps baud rate, even parity)
- Power supply by two AA batteries (manganese, alkaline or NiMH rechargeables)
- Power consumption: 3 mW
- Dimension (W × H × D): 190 mm × 32 mm × 122 mm
- Weight: 0.55 kg

### RC-20

- Direct play remote control for CD-500/CD-500B, SS-R100, SS-R200, SS-CDR200 and other supported Tascam devices
- 20 large buttons to start playback of tracks, program steps or playlist entries on the connected device
- STOP/LOAD button to stop playback and to flash load tracks if the connected device is in a play mode that allows flash loading
- CONNECTED indicator (lights when the plug is connected to a compatible device and power is supplied by that device)
- Space for labelling strips above buttons
- 3.9-m connection cable with 2.5-mm TRS plug
- Power consumption: 4.1 mW
- Dimension (W × H × D): 210 mm × 20 mm × 94 mm
- Weight: 0.38 kg

## RC-900 REMOTE CONTROL UNIT



- Universal remote control unit for Tascam Recorders and CD Players
- Compact and easy to use with HS-4000/HS-2000/HS-2, CD-9010/9010CF, CD-6010, SS-R200/SS-CDR200 recorders/players
- Aluminum jog wheel for precise cueing
- Highly durable keys for professional use:
- Standard transport keys with LED indicators
- 10-key pad for flash start and/or cueing
- 5 function keys for frequently-used operations (functions are fixed and vary according to the controlled model)
- 16-digit LC display
- Tascam RS-232C serial protocol
- AC adapter included (Tascam PS-P520)
- Power consumption: 1 W
- Dimensions (W × H × D): 176 mm × 59 mm × 215 mm
- Weight: 1.4 kg

## DV-D01U PROFESSIONAL DVD PLAYER



- 1U rack-mountable DVD player
- Accepts multiple DVD and CD formats:
  - DVD Video
  - DVD Audio
  - VCD (Video CD)
  - SVCD (Super Video CD)
  - CD-DA (Digital Audio CD)
- Compatible with many file formats:
  - Audio: MP3, WMA, WAV
  - Image: JPEG
  - Video: ASF, MPEG-2/MPEG-1, DivX
- Dolby Digital Surround
- DTS Digital Surround
- RCA analogue stereo audio output
- Optical SPDIF digital audio output
- Composite video output
- S-Video output
- Component video output
- HDMI (High Definition Multimedia Interface)
- Progressive scan
- FVPP (Fine Video Picture Processing)
- HDCP compliant (encryption standard)
- Power-on Play (Timer Play function)
- RS-232C serial port
- Infrared wireless remote control included
- Dimensions (W × H × D): 482 mm × 51 mm × 269 mm
- Weight: 2.6 kg

## CD-9010 / CD-9010CF BROADCAST CD PLAYERS



- Professional-quality CD player for broadcast studios and commercial installations
- Highly reliable TEAC drive with heavy-duty tray mechanism and manual eject lever
- Highly durable keys and fader
- Carefully selected electronic components for high-quality sound
- Large LC display with backlight
- Illuminated transport keys
- Online function
- Supports CD-DA (audio CD) and CD-R (data CD) with MP3 or BWF/WAV encoded files
- Memory for 9 cue points per CD, up to 500 CDs in total
- Program play
- Auto cue, auto ready and incremental play
- $\pm 12.5\%$  pitch control
- Word sync in/through (BNC)
- Sample Rate Converter 48 kHz/44.1 kHz
- Balanced stereo line output (XLR)
- Unbalanced stereo monitor output (jack)
- Headphones output with level control
- Balanced stereo mix input for connection of a backup CD player

- AES/EBU (XLR) and coaxial SPDIF digital outputs
- Parallel port (D-sub 37pin)
- RS-232C serial port
- Rack-mountable chassis (half-rack size, 3 U)
- Optional accessory:
  - RC-9010 Remote control unit (with illuminated keys, jog dial and display)

### CD-9010CF additional features

- CF card slot for playback from CompactFlash memory cards
- Programs may contain tracks from both CD and CF card
- Stereo/Mono select switch
- Balanced stereo monitor output (XLR)
- AES/EBU output on BNC connector (instead of XLR), no SPDIF output
- USB keyboard connector
- Dimensions (W x H x D): 220 x 137 x 362 mm
- Weight: 5.3 kg/5.5 kg (CD-9010/CD-9010CF)

## CD-6010 PROFESSIONAL CD PLAYER



- Highly reliable tray CD player for broadcast, installation or touring applications
- Audio CD-R/RW, MP3 and WAV playback
- Flash start capability for up to 20 tracks
- Numeric keys for track selection and flash start
- Frame accurate search
- Memory for up to 20 cue points
- Skip back function
- Auto cue, auto ready, incremental playback, intro check and resume functions
- Index search for audio CDs, directory search for MP3 CDs
- Playback modes include Single, All and Program (up to 99 tracks)
- Memory for playback programs of up to 100 CDs
- Repeat modes include Single, All and A-B
- Selectable interval time between tracks
- $\pm 16\%$  pitch control
- Key original function (change speed only)
- Fade in/out (up to 10 seconds)
- Time display (track elapsed / track remain / total remain)
- Power-on play (timer function)
- Relay play with multiple units

- Fader start / event start
- Lock function to avoid accidental operation
- Anti-shock memory
- XLR balanced analogue output (output level may be customized by technical support)
- RCA unbalanced analogue output
- Coaxial digital output (SPDIF)
- AES/EBU digital output (XLR)
- Mono output
- Serial control (RS-232C, D-sub 9-pin)
- Parallel control port (D-sub 15-pin)
- Headphones output with volume control
- Switchable monitor loudspeaker
- Last mode memory (Playback mode / Program / Repeat mode / Time display)
- End Of Message notification
- Backlit LC display
- Rack-mountable chassis (2 U)
- Wireless remote control included
- Available as options:
  - Footswitch for several functions (RC-3F)
  - Direct play remote control (RC-20)
  - Flash start remote control for instant access to 20 tracks, announcements or effects (RC-SS20)

## CD-500 / CD-500B ULTRA-COMPACT CD PLAYERS



- Ultra-compact rack-mountable CD player (1U)
  - Highly reliable brushless motor
  - Slot-in CD drive mechanism
  - Audio CD-R/RW, MP3 and WAV playback
  - Flash start capability for up to 20 tracks
  - Numeric keys for track selection and flash start
  - Frame accurate search
  - Call and skip back functions
  - Auto cue, auto ready, intro check functions
  - Resume function
  - Index search for audio CDs
  - Directory search for MP3 CDs
  - Playback modes include Single, All and Program (up to 99 tracks)
  - Memory for playback programs of up to 100 CDs
  - Repeat modes include Single, All and A-B
  - Selectable interval time between tracks
  - $\pm 16\%$  pitch control with dedicated control
  - Key original function (change speed only)
  - Fade in/out (up to 10 seconds)
  - Time display (elapsed, remain, total remain)
  - Power-on play (timer function)
  - Relay play with multiple units
  - Fader start / event start
  - Lock function to avoid accidental operation
  - Anti-shock memory
  - RCA unbalanced analogue output
  - Optical digital output (SPDIF)
  - Coaxial digital output (SPDIF)
  - Mono output
  - Serial control (RS-232C, D-sub 9-pin)
  - Headphones output with level control
  - Footswitch control of several functions via three pedals (with optional Tascam RC-3F)
  - Last mode memory (Playback mode / Program / Repeat mode / Time display)
  - End Of Message notification
  - Backlit LC display
  - Wireless remote control included (receiver can be disabled if required)
  - Removable power cable
  - Dimensions (W  $\times$  H  $\times$  D): 483 mm  $\times$  45 mm  $\times$  301 mm
  - Weight: 3.5 kg / 3.7 kg (CD-500 / CD-500B)
- Additional features on CD-500B**
- XLR balanced analogue output
  - XLR AES/EBU digital output
  - D-sub 15-pin parallel control port

## CD-200 / CD-200i / CD-200iB CD PLAYER / CD PLAYER WITH iPod™ DOCK



- **CD-200:** Easy-to-use, affordable CD player
- **CD-200i, CD-200iB:** CD player with iPod dock and additional line input
- High-quality TEAC drive (supports CD-R and CD-RW)
- Audio CD playback
- MP3 and WAV file playback from CD
- Folder selection for MP3 and WAV CDs
- Continuous, Random and Program playback modes
- Repeat playback (Single, All, Folder)
- Intro Check feature
- CD text and ID3 tag support to display artist and track information if available
- Time display (CD-DA: Elapsed, Remain, Total Remain; MP3: Elapsed)
- $\pm 12.5\%$  pitch control
- Anti-shock memory (10 seconds)
- Headphones output with level control
- Analogue output (RCA)
- SPDIF digital outputs (coaxial and optical)
- Wireless remote control included
- 19-inch rack-mount chassis (2U)
- **CD-200i additional features**
  - iPod™ dock on the front panel for playback from an Apple® iPod
  - iPod video and s-video outputs on rear panel
  - Stereo line input on front panel for audio playback from other unit
- **CD-200iB additional feature**
  - Balanced XLR outputs
- Dimensions (W  $\times$  H  $\times$  D): 481 mm  $\times$  95 mm  $\times$  298 mm
- Weight: 4.2 kg (CD-200) 4.7 kg (CD-200i, CD-200iB)

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. iPod is a trademark of Apple Corporation

## CD-200SB SOLID-STATE/CD PLAYER



- Versatile, highly reliable and easy-to-use solid-state and CD player
- WAV, MP3, MP2, WMA, AAC file playback from SD/SDHC cards or USB memory
- WAV, MP3, MP2 file playback from CD-R and CD-RW
- Audio CD playback
- Front-panel keys for direct access to 10 user-defined folders on SD/SDHC cards and USB memory
- Dubbing from CD to solid-state media (WAV or MP3 format)
- Ideal replacement for a disc changer
- Continuous, Single, Random and Program playback modes
- Repeat playback (Single, All, Folder)
- Intro Check feature
- CD Text and ID3/WMA/AAC tag support to display artist and track information if available
- Time display (CD-DA: Elapsed, Remain, Total Remain; Others: Elapsed)
- $\pm 14\%$  pitch control with CDs
- Anti-shock memory (10 seconds)
- Headphones output with level control
- Balanced analogue output (XLR)
- Unbalanced analogue output (RCA)
- SPDIF digital outputs (coaxial and optical)
- Wireless remote control included
- 19-inch rack-mount chassis (2U)
- Dimensions (W  $\times$  H  $\times$  D):  
481 mm  $\times$  95 mm  $\times$  298 mm
- Weight: 4.7 kg

## CD-A550 / A750 CD-PLAYER / AUTO-REVERSE CASSETTE DECK



### General

- CD player and auto reverse cassette deck combined in one compact chassis
- Continuous playback between CD and cassette
- CD to Tape dubbing including Edit Dubbing feature to duplicate a marked section
- Comprehensive combined FL display
- Separate outputs for cassette and CD
- Common output with selectable source
- Mono mix output (CD or Tape)
- Power-on playback (CD or Tape)
- Power-on recording (Tape only)
- Wireless remote control included
- CD text and ID3 tag support to display artist and track information if available
- Auto Cue, Auto Ready and Cue Call functions
- Incremental Play, Anti-shock memory
- $\pm 12.5\%$  pitch control
- Analogue (RCA) and SPDIF coaxial outputs

### Cassette deck

- Auto reverse playback and recording
- Dolby B noise reduction
- Record mute function
- Tape counter with RTZ (Return to zero)
- $\pm 10\%$  pitch control

### CD-A750 additional features

- XLR balanced inputs and outputs
- Parallel control port
- Serial control port
- Dimensions (W  $\times$  H  $\times$  D):  
483 mm  $\times$  138 mm  $\times$  275 mm
- Weight:  
6.3 kg (CD-A550)  
6.5 kg (CD-A750)
- High-quality TEAC drive (CD-R and CD-RW media)
- Audio CD playback
- MP3 and WAV file playback from CD
- Folder selection for MP3 and WAV CDs
- Repeat playback (All or A-B)
- Continuous, Single, Random and Program playback modes
- Auto Space function (insert a fixed spacing between tracks during playback)

## CD-RW900SL PROFESSIONAL CD RECORDER



- Records to pro CD-R, CD-RW and consumer CD-R and CD-RW media
- Selectable read speed to increase playability of low-grade or damaged media
- 24-bit A/D and D/A converters
- Input sample rate converter (32 kHz to 48 kHz)
- Independent L/R analogue input level control
- Digital volume
- Sync recording function
- Auto or manual track division
- Digital fade in/out from 1 to 30 sec in 1-sec steps
- Rec mute function to record silence
- Erase/un-finalize CD-RWs
- Supports CD-Text
- PS/2 keyboard can be used for CD-Text input and as a remote control
- Timer function (play when power comes on)
- Continuous, single, random, or program play (up to 99 songs)
- All, single, or A-B repeat play
- Auto Cue function
- Selectable skip mode: jump by track or in 1-minute steps
- Auto Ready function
- Plays MP3 files on CDs (128 Kb/s only)
- Plays MP3 files inside directories
- Shows MP3 tags on Display (ID3)
- Pitch control ( $\pm 16\%$  in 0.1 to 1.0% steps)
- Key control ( $\pm 6$  semi-tones)
- Key original function (change tempo without changing key)
- SPDIF coaxial digital I/O
- Optical TOS digital I/O
- RCA unbalanced analogue I/O
- Wireless remote control included
- Infra-red remote receiver can be deactivated
- 2U rack mount construction
- Dimensions (W  $\times$  H  $\times$  D): 483 mm  $\times$  93 mm  $\times$  308 mm
- Weight: 4.9 kg

## CD-RW901SL PROFESSIONAL CD RECORDER



- Records to pro CD-R, CD-RW and consumer CD-R and CD-RW media
- Selectable read speed to increase playability of low-grade or damaged media
- 24-bit A/D and D/A converters
- XLR balanced analogue I/O
- RCA unbalanced analogue I/O
- Coaxial and optical digital I/O (SPDIF)
- AES/EBU digital I/O
- Automatic input sample rate converter (to 44.1 kHz, defeatable)
- L/R analogue input level control
- Digital volume
- Sync recording function
- Auto track increment by level with trim function, Time Track Increment: Adds a CD track ID every 1 to 10 minutes
- Set index marks, Index search function
- Selectable skip mode: jump by track, by index, or in 1-minute steps
- Digital fade in/out from 1 to 30 sec in 1-sec steps
- Rec mute function to record silence
- Erase/un-finalize CD-RWs
- All, single, or A-B repeat play
- Continuous, single, random, or program play (up to 99 songs)
- Auto Cue, Auto Ready, Call, and Incremental Play functions
- Plays MP3 files on CDs
- Plays MP3 files inside directories
- Shows MP3 tags on display (ID3)
- Pitch control ( $\pm 16\%$  in 0.1 to 1.0% steps)
- Key control ( $\pm 6$  semi-tones)
- Key original function (change tempo without changing key)
- Selectable copy ID, CD-Text support
- Computer keyboard connector for text input and transport control
- RS-232C serial control (9-pin D-sub)
- Parallel control (15-pin D-sub)
- Power-on play: Starts CD playback when power is applied
- Continuous recording with two CD-RW901SL
- Wired remote control included
- 2U rack-mount construction
- Dimensions (W  $\times$  H  $\times$  D): 483  $\times$  93  $\times$  309 mm
- Weight: 5.4 kg



## CC-222 SL MKII CD RECORDER / CASSETTE DECK



### General

- Cassette to CD-R/RW dubbing and vice versa
- Continuous playback between decks
- Individual RCA unbalanced analogue inputs/ outputs on both decks
- Line output 2 selectable between tape-only output and CD or tape output, with priority to tape
- Dedicated analog input level controls
- Coaxial and optical digital i/o for CD Recorder
- RIAA phono input for turntable connection
- Headphones output with level control
- Wireless remote control included

### CD-RW Recorder

- Slot-loading CD drive for CD-R, CD-RW, CD-R-DA, CD-RW-DA discs
- MP3 file playback, including navigating through directories of MP3 files
- 24-bit A/D and D/A converters
- Digital input level control
- Selectable copy ID
- Automatic sampling rate converter (defeatable)
- Auto Track Increment by level
- Time Track Increment (1 to 10 minutes)

- Auto Space function
- Sync record with adjustable sound level
- Fade in and out (1 to 30 seconds)
- Record Mute
- Single play, continuous play, random play, and program play (maximum 99 songs)
- Repeat function
- Intro check function
- Pitch control  $\pm 12.5\%$
- Key control (1–6 semitones)
- Erase CD-RW discs
- Un-finalize CD-RW discs
- Power-on play: Starts CD playback when power is applied for installed applications

### Cassette deck

- Auto reverse
- Dolby B noise reduction
- $\pm 10\%$  pitch control
- RTZ (Return to Zero)
- Record Mute
- CPS search function
- Dimensions (W  $\times$  H  $\times$  D): 483  $\times$  138  $\times$  295 mm
- Weight: 6.9 kg

## 202 MKV DUAL AUTO REVERSE CASSETTE DECK



- Two cassette decks in one unit
- Continuous, bi-directional playback or recording over both decks
- Parallel recording on both decks
- Normal and high speed dubbing capability
- Synchro reverse dubbing
- Pitch control ( $\pm 12\%$ , Deck 1 only)
- RTZ function (Return To Zero, Deck 1 only)
- Dolby B and HX Pro
- Unbalanced RCA inputs and outputs
- Repeat playback (A–B section)

- Microphone input with separate level control for mix recordings
- Power-on playback/recording (Timer function)
- Headphones jack
- 19-inch rack-mountable chassis
- Dimensions (W  $\times$  H  $\times$  D): 482  $\times$  139  $\times$  286 mm
- Weight: 4 kg

## MD-CD1 MKIII PROFESSIONAL MINI DISC RECORDER / CD PLAYER



### CD deck

- Compatible with CD-R, CD-RW, CD-R Digital Audio and CD-RW Digital Audio media
- Plays MP3 and WAV files on ISO 9660 CDs (44.1 kHz, 16 bit)
- ID3 tag display (information on artist and title names stored inside MP3 files)
- Pitch control (change tempo and key simultaneously from +16 % to -50 %)
- Key original function
- Fade-in / fade-out (1–30 seconds)
- Individual digital (optical and coaxial) and analogue outputs
- Transport control via computer keyboard

### MD deck

- Stereo, Mono, LP2 and LP4 recording/playback
- Individual input level controls (L/R) for analogue recording
- Auto track increment
- Time track increment (adds a track ID every 1 to 10 minutes)
- Sync recording function
- Fade-in / fade-out (1–30 seconds)
- Overwrite recording

- Edit functions (divide, combine, move tracks)
- Individual digital I/O (optical and coaxial) and analogue I/O (RCA)
- Computer keyboard connector for title input and external control

### General

- 4 × speed MiniDisc duplication
- Fade in/out dubbing
- MD-CD continuous playback
- Continuous, single, random, or program play
- All, single, or A-B repeat play
- Auto Cue and Auto Ready functions
- Power-on play function
- Headphones output with level control
- Input sample rate converter (32 to 48 kHz)
- RS-232C serial control
- Balanced input/output kit available as an option (LA-MC1)
- Wireless remote control included
- Remote receiver can be disabled
- Compact 2U rack-mount chassis
- Dimensions (W × H × D): 483 mm × 94 mm × 308 mm
- Weight: 5.4 kg

## PA-R200 7.2-CHANNEL SURROUND RECEIVER WITH NETWORK FUNCTION

NEW!



- 100 watts per channel at 8 ohms
- 8 HDMI inputs and 2 outputs
- 7 analogue audio inputs (1 front, 6 rear)
- Pre/Line-output for Powered Zone 2 and Zone 3 for distributed playback in other rooms
- THX® Select2 Plus™ certified
- MHL for smartphone content on HDTV
- Audyssey DSX® and Dolby® Pro Logic® IIz
- HDMI® support for 3D
- HDMI video upscaling to 4K with Qdeo™
- Picture-in-picture input source preview with InstaPrevue™ technology
- Direct digital connection of iPod/iPhone via front-panel USB port
- TI Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for all channels
- Fully discrete output stage circuitry
- Playback of audio files through local network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM)
- Internet radio and cloud music streaming service connectivity (simfy, vTuner, Spotify, AUPEO!)
- Supports “TASCAM AVR Remote” remote app for iPod touch/iPhone and Android phones
- DLNA version 1.5
- HDTV-capable (720p/1080i) component video switching (2 inputs, 1 output)
- 5 Composite Video inputs and 1 output
- 4 Digital Audio inputs (2 optical, 2 coaxial)
- 2 parallel subwoofer pre outs
- 4 DSP modes for gaming
- Hybrid Standby to reduce power consumption
- 2 USB ports (1 front, 1 rear)
- USB memory playback capability
- Audyssey 2EQ® for room acoustic correction
- Audyssey Dynamic EQ® for loudness correction
- Audyssey Dynamic Volume® to maintain optimal listening level and dynamic range
- Bass/Treble/Balance controls for zone 2
- 40 FM/AM random presets
- Whole house mode
- Smart grid ready
- 3 programmable 12-volt triggers
- Dimensions (W × H × D): 482 mm × 174 mm × 328 mm
- Weight: 12 kg

## PA-R100 5.2-CHANNEL SURROUND RECEIVER WITH NETWORK FUNCTION

NEW!



- 80 watts per channel at 8 ohms (20 Hz – 20 kHz, 0.08 % THD, 2 channels driven, FTC)
- 7 HDMI inputs and 1 output
- 6 analogue audio inputs (1 front, 5 rear)
- Pre/Line-output for Zone 2 allows distributed audio playback in another room
- Surround Back or Front High pre output
- HDMI® support for 3D
- HDMI video upscaling to 4K with Qdeo™
- Picture-in-picture input source preview with InstaPrevue™ technology
- Direct digital connection of iPod/iPhone via front-panel USB port
- TI Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for all channels
- Fully discrete output stage circuitry
- Playback of audio files through local network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM)
- Internet radio and cloud music streaming service connectivity (simfy, vTuner, Spotify, AUPEO!)
- Supports "TASCAM AVR Remote" app for iPod touch/iPhone and Android phones
- DLNA version 1.5
- HDTV-capable (720p/1080i) component video switching (2 inputs, 1 output)
- 5 Composite Video inputs and 1 output
- 4 Digital Audio inputs (2 optical, 2 coaxial)
- 2 parallel subwoofer pre outs
- 4 DSP modes for gaming
- Hybrid Standby to reduce power consumption
- 2 USB ports (1 front, 1 rear)
- USB memory playback capability
- Audyssey 2EQ® for room acoustic correction
- Audyssey Dynamic EQ® for loudness correction
- Audyssey Dynamic Volume® to maintain optimal listening level and dynamic range
- Bass/Treble/Balance controls for zone 2
- 40 FM/AM random presets
- Whole house mode
- Smart grid ready
- 3 programmable 12-volt triggers
- Dimensions (W × H × D): 482 mm × 174 mm × 328 mm
- Weight: 10 kg

## LA-40 MKIII LINE CONVERTER (BALANCED/UNBALANCED, BI-DIRECTIONAL)



- 4 channels with unbalanced RCA inputs and balanced XLR outputs
- 4 channels with balanced XLR inputs and unbalanced RCA outputs
- XLR nominal level selectable between +4 dBu and –20 dBu
- Trim pots for each channel on front panel (±12 dB)
- Signal LED for each channel
- Ground lift switches for each channel and master switch
- Distribution amplifier functionality: One mono input signal can be routed to all four output channels, or one stereo input signal can be routed to two channels each (RCA to XLR and XLR to RCA)
- Internal power supply, no AC adapter needed
- 1 U rack-mountable chassis, Weight: 3 kg

## LA-80 MKII / LA-81 MKII LINE CONVERTERS (BALANCED/UNBALANCED)



- LA-80: 8 channels with unbalanced RCA inputs and balanced XLR outputs
- LA-81: 8 channels with balanced XLR inputs and unbalanced RCA outputs
- XLR nominal level selectable between +4 dBu and –20 dBu
- Trim pots (±12 dB) for each channel on front panel
- Signal LED for each channel
- Ground lift switches for each channel and master switch
- Both units can act as distribution amplifiers
- Internal power supply, no adapter needed
- 1 U rack-mountable chassis, Weight: 3 kg

## LM-8ST LINE MIXER



- Line mixer with flexible signal routing
- Ideal solution for installations in boardrooms, conference rooms, health/fitness clubs, restaurants, houses of worship, as a keyboard or stage sub mixer and more
- 8 stereo input channels for line sources (TRS)
- Additional mic/line input with level control for channel 1 on front panel (balanced XLR)
- 2 stereo outputs (balanced / unbalanced)
- Each stereo input can be mixed to each stereo output independently:
  - ST1: Input signal is sent to ST1 output
  - ST2: Signal before the ST1 level control (pre fader) is sent to ST2/AUX output
  - AUX: Signal behind the ST1 level control (post fader) is sent to ST2/AUX output
  - Switches for ST2/AUX selection per channel
- Input level selectable between +4 dBu and -10 dBV per channel (on rear panel)
- Signal presence and overload LEDs on each ch.
- 4-dot LED stereo level meters on each output
- Each stereo output switchable to mono
- High-power headphones output with level control and selectable source (ST1, ST2/AUX)
- Balanced master bus output and input (input selectable between ST1, ST2/AUX and Mix) for cascading of multiple units
- Ground terminal and ground lift switch
- 1 U rack-mountable chassis, Weight: 3.8 kg

## MH-8 EIGHTFOLD HEADPHONES AMPLIFIER



- High-power headphones amplifier with flexible signal routing
- 8 channels for one pair of stereo headphones each
- 2 stereo inputs assignable to each channel
- Input level control, signal presence and overload LEDs on both stereo inputs
- Additional switchable direct stereo input (balanced TRS) on each headphone channel (left input can be used for mono signals)
- High output power (250 mW + 250 mW each)
- Level control, signal presence and overload LEDs on each headphone channel
- Each channel switchable to mono
- Foldback outputs allow stereo input signals 1 and 2 to be looped through to other units
- Ground terminal and ground lift switch
- Easy replaceable fuse
- 1U rack-mountable chassis
- 1 U rack-mountable chassis, Weight: 3 kg

## NOTES

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