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POCKET GUIDE

2011-04

TASCAM®

TASCAM®

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- 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 x H x D):
61 mm x 141 mm x 26 mm
- Weight: 0.116 kg (without batteries)



- 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 x H x D):
68 mm x 158 mm x 26 mm
- Weight: 0.125 kg (without batteries)

DR-08 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 16-bit/44.1 kHz or 24-bit, 44.1/48/96 kHz
 - Compressed (MP3 format): 32–320 kbit/s (VBR files can be played but not recorded)

Recording features

- Two built-in high-quality cardioid microphones with variable angle mechanism for different applications:
 - Folded out: Standard setting for music or field recording
 - Folded out and rotated: Put the unit on a desktop to record a meeting or conversation
 - XY setting allows mono compatible recordings and high sound localization acuity (lively interviews or field recordings with ambience)
- Switchable low-cut filter
- Manual or auto recording level
- Auto recording start and stop by input level

- Timer recording
- Pre-recording buffer (2 seconds)
- Stereo mic/line input with plug-in power
- EQ allows tone control during recording

Playback features

- Variable speed audition (50–200 %)
- Repeat function
- Loop function (repeat a marked section)
- Playlist feature to play files in a certain order
- Flash back function
- Noise cancel function
- EQ allows tone control during playback
- Built-in loudspeaker
- Headphones/Line output

Other features

- File divide function
- Folder management to organize your files
- USB 2.0 port
- Power supply by USB or two AAA size batteries
- Built-in folding stand for desktop recording
- Dimensions (W x H x D): 37 mm x 140 mm x 15 mm
- Weight: 0.056 kg (without batteries)

DR-2d PORTABLE LINEAR PCM RECORDER



- Portable, handheld recording to SD or SDHC media (2 GB card included)
- Ideal for music recording, news gathering, podcast creation etc.
- MP3 and WAV file recording and playback
- Selectable recording formats:
 - WAV (16/24-bit, 44.1/48/96 kHz)
 - MP3 (compressed, 32–320 kbit/s)
- Advanced stereo condenser microphone
- Unique dual recording feature:
 - Create separate recordings with different level settings at the same time
 - Create a mix recording from the microphones and line input (one file is recorded)
 - Create separate recordings from the microphones and line input at the same time
- Switchable low-cut filter (40/80/120 Hz)
- Switchable auto gain control and limiter
- Reverb effect (6 presets)
- Overdub feature
- Auto recording, Pre-recording, Delayed recording features
- Set marks to quickly locate certain audio positions

- Built-in mono loudspeaker for checking recordings
- Stereo mic input (mini jack)
- Stereo line input (mini jack)
- Headphone/Line output (stereo mini jack)
- Playback features include:
 - Loop, repeat and single playback
 - Folder or playlist playback
 - Vocal/instrument cancel feature with selectable range and pan point
 - Pitch control (50 % to 200 %)
 - VSA function
 - Key control (1–6 semitones)
 - Metronome
- MP3 ID3 tag display (up to version 2.4)
- File divide function for WAV files
- USB 2.0 port (cable included)
- Stand adapter (¼ inch)
- Powered by two AA size batteries
- Software and wireless remote control included
- Options: AC adapter (PS-P520), wind screen (WS-DR2)
- Dimensions (W x H x D): 65 mm x 118 mm x 24 mm
- Weight: 0.14 kg (without batteries)

DR-100 PORTABLE STEREO RECORDER



- Handheld digital stereo recorder in rugged metal chassis for professional use
- MP3 and WAV file recording and playback to/from SD or SDHC card
- Selectable recording formats:
 - WAV (16/24 bit, 44.1/48/96 kHz)
 - MP3 (32/64/96/128/192/256/320 KBit/s)
- 2 built-in uni-directional and two omni-directional condenser microphones
- 2 XLR mic inputs with +48V phantom power
- Stereo line input with adjustable level
- Dual input level controls (hardware)
- Switchable low-cut filter (40/80/120 Hz)
- Analogue auto gain control with limiter (hardware switchable on/off)
- Built-in monitor speaker (hardware switchable on/off)
- Headphones output with level control
- Separate stereo line output (mini jack)
- Pre-recording buffer (2 seconds), Delayed recording and Auto recording features
- Overdub feature
- Locate markers
- File renaming (Date/User Word)
- File divide function
- Create a new file during recording (manually or by file size)
- Quick menu allows deleting or tagging a file directly from the home screen
- Playback features include:
 - In/Out loop
 - Folder or playlist playback
 - Pitch control (–50 % to +16 %)
 - Tempo control without affecting the key
- MP3 ID3 tag support (up to version 2.4)
- Stand adapter (1/4 inch)
- 2-Gigabyte SD card included
- USB 2.0 connection for file transfer
- Two options of battery operation with backup functionality: Lithium-ion rechargeable battery (included) or two easy-to-find AA batteries
- Wireless remote control, windshield, and softcase included as standard
- Optionally available: replacement battery (BP-L2), AC adapter (PS-P520), soft padded case (CS-DR-100)
- Dimensions (W x H x D): 80 mm x 153 mm x 35 mm
- Weight: 0.29 kg (not including 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 the transport of up to four DR-680 by one unit
 - Dimensions (W x H x D): 217 mm x 56 mm x 189 mm
 - Weight: 1.2 kg (without batteries)

BB-1000CD / BB-800 PORTABLE DIGITAL RECORDERS



- Boom box style recorder including everything needed for digital recording (**BB-1000CD uses CD or SD card, BB-800 uses SD card only**)
- Perfect tool to record and play everything anywhere
- Easy operation with dedicated knobs and keys
- Direct recording to SD/SDHC card
 - WAV format (16 bit / 44.1 kHz)
 - MP3 format (High/Mid/Low bit rate, 44.1 kHz)
- Four built-in microphones (switchable front/rear) for flexible setups including 360-degree recording – perfect for choir and band recording or minutes recording
- Two XLR mic inputs with +48V phantom power
- Automatic or manual recording level
- Switchable auto gain control or limiter
- Line input and output (RCA)
- Headphones output (mini jack)
- Two built-in 3-inch loudspeakers
- 5 W + 5 W digital amplifier
- Special playback features:
 - Loop playback, Flash Back function
 - Tempo change, Key change
 - Part cancel feature with adjustable pan point
- Overdub feature, Marker function
- Metronome with LED indicator
- Chromatic tuner
- Auto-Recording feature allows recordings to be started/stopped automatically by level
- File divide function (to cut unwanted noise from recordings, for instance)
- Powered through 8 x AA alkaline batteries or AC adapter (PS-1225L, included)
- Wireless remote control supplied as standard
- Optionally available: soft padded carrying case (CS-BB-1000)
- W x H x D: 380 mm x 205 mm x 107 mm
- Weight: 3.4 kg (BB-1000CD), 3.2 kg (BB-800)

BB-1000CD additional features

- Direct recording to CD-R/CD-RW
- Create audio CDs (CD-DA) from WAV or MP3 files on the SD card
- Extract audio tracks from CD-DA to SD card in WAV or MP3 format (ripping)
- Copy audio CDs (CD-DA format)

DP-004 4-TRACK DIGITAL POCKETSTUDIO



- Portable, ultra-compact multi-track recorder
- Simple, intuitive user interface
- High-quality recording (44.1kHz/16-bit)
- Recording media: SD/SDHC card (2GB SD card included)
- 2-track simultaneous recording
- 4-track simultaneous playback
- Built-in stereo condenser microphone
- Two Mic/Line inputs
- Dedicated Level and Pan controls
- Bounce function (record a stereo mix of up to 4 tracks or mixdown up to 4 tracks to a single new 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 computer backup/restore and WAV import/export
- Can be powered by AA batteries or optional AC adapter
- Dimensions (W x D x H): 155 mm x 34 mm x 107 mm
- Weight: 0.360 kg (without batteries)

DP-008 8-TRACK DIGITAL POCKETSTUDIO



- Portable, highly compact multi-track recorder
- Simple, intuitive user interface
- High-quality recording (44.1kHz/16-bit)
- Recording media: SD/SDHC card (2GB SD card included)
- 2-track simultaneous recording
- Two mic/line inputs (XLR and phone jack connectors) with switchable phantom power for condenser microphones
- One input switchable to Guitar
- Built-in stereo condenser microphone
- 8-track simultaneous playback with mixing
- Dedicated Level and Pan controls
- 2-band EQ for both input channels and each of the 8 tracks
- Built-in reverb with dedicated knobs on each track
- Bounce function (create a stereo or mono mix of up to 8 tracks to record additional sources)
- Dedicated stereo master track
- Auto and manual punch in and punch out
- 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)
- Built-in chromatic tuner and metronome
- USB 2.0 port for computer backup/restore and WAV import/export
- Can be powered by four AA batteries or optional AC adapter
- Dimensions (W x D x H): 221 mm x 36 mm x 127 mm
- Weight: 0.61 kg (without batteries)

DP-03 8-TRACK DIGITAL PORTASTUDIO™

NEW!



- 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 x H x D): 416 mm x 65 mm x 299 mm
- Weight: 4.5 kg

2488neo DIGITAL PORTASTUDIO



Recorder section

- 24-track HDD-based multitrack recorder (160 GB)
 - 44.1 kHz, 24/16 bit
 - Simultaneous playback of 24 tracks
 - Simultaneous recording of 8 tracks
- 250 assignable virtual (alternative) tracks
- 2 additional tracks for mastering
- Powerful editing functions
- Flexible Undo/Redo (999 levels)
- 999 markers plus In/Out/To locate points per song
- Return To Zero function
- Manual punch in/out
- Auto punch in/out
- Rehearsal function
- Repeat playback or recording function
- Variable pitch ($\pm 6\%$)
- Slow Speed Audition (50–100 %)
- Waveform view

Mixer

- 24+8-channel digital mixer
- 8 analogue inputs plus SPDIF digital input
- 3 aux sends on all input and track channels
- Flexible on-board digital patch bay

- 3-band EQ on all 24 channels and 8 inputs
- Solo/Mute, Channel link
- Quick setup utility, Snapshot memory
- Analogue (RCA) and digital (SPDIF) master outputs, TRS quasi-balanced monitor output, headphones output

Other

- Internal effects and dynamics processors
- Mastering compressor (single or multi-band)
- Mastering equalizer and noise shaper
- Chromatic tuner, Metronome
- Sync to MTC (Master/Slave), MMC (MIDI Machine Control), MIDI Clock output with SPP
- Import and play Standard MIDI (SMF) files (external sequencer or sound module needed for audio output)
- On-board CD-RW drive
- USB 2.0 port to connect to PC/Mac for data backup/restore and SMF/WAV file transfer
- Connector for expression pedal (allows control of Wah or Volume)
- Dimensions (W x D x H): 545 mm x 355 mm x 145 mm
- Weight: 8 kg

GB-10/LR-10 TRAINERS/RECORDERS FOR GUITAR/BASS AND INSTRUMENTS/VOCALS **NEW!**



- 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: ± 6 semi-tones with ± 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 x H x D): 158 mm x 30 mm x 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: ± 6 semi-tones, in semi-tone steps with ± 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 x 64 dot matrix LC display
- Two options of power supply: alkaline/NiMH batteries or optional AC adapter PS-P520
- Dimensions (W x H x D): 194 mm x 39 mm x 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

TC-15 SOLAR RECHARGEABLE TUNER

NEW!



- Compact chromatic tuner powered by solar rechargeable battery
- Available in six colours: black, white, pink, orange, green, blue
- Easy and accurate tuning through wide pitch bar display
- Additional note indication display with sharp (#) and flat (b) symbols and battery indicator
- 12-note equal temperament scale
- Four tuner display modes (Meter, Needle, Fine, Animated strobe)
- High pitch display resolution in fine mode (1 bar = 1 cent)
- Calibration in a range of 438–447 Hz (in 1-Hz steps)
- Removeable silicon cover for extra protection
- 6.3-mm mic/guitar input
- Built-in microphone for acoustic instruments
- Up to 6 hours operation time with fully charged battery
- Additional quick charge option via USB connector (for charging only)
- Auto power-off after 5 minutes
- Includes strap and clip for attaching to a bunch of keys or to an instrument case
- Dimensions (W x H x D): 96 mm x 18 mm x 40 mm
- Weight: 0.051 kg



TC-8: Chromatic Tuner/Metronome

- Supports eight musical scales (12-note equal temperament, Pythagorean, Mean tone, Werckmeister III, Kirnberger III, Kellner, Vallotti, Young)

TG-7: Tuner/Metronome for Guitar and Bass

- Supports 7 tuning types plus 5 user-defined settings (Regular guitar, Regular bass, Chromatic, Drop-D, Drop-G, Open-D, Open-G, User 1–5)
- Through output connector for permanent use between instrument and amplifier/pre-amplifier

Both models

- Clearly visible, extra wide pitch display (43 segments) plus note indication display with sharp (#) and flat (b) symbols and battery indicator
- Ultra high-speed pitch detection for easy and accurate tuning
- Various tuner display modes (Meter, Animated strobe, Needle, Fine, Tone output)

- Response speed can be set according to the instrument to be tuned (high response speed allows the unit to be used as a pitch trainer)
- Manual calibration (349.0–499.0 Hz)
- Auto calibration
- Metronome (30–300 BPM plus tap function, 11 beat types)
- Built-in microphone for acoustic instrument tuning
- Instrument/microphone input jack
- Built-in loudspeaker for tuning tone and metronome output
- Built-in stand for tabletop use or to hang the unit on a music stand
- Strap holder
- Up to 200 hours operation time on batteries
- Dimensions (W x H x D): 150 mm x 29 mm x 50 mm
- Weight: 0.1 kg



High-speed tuner

- 8 musical scales (12-note equal temperament, Pythagorean, Mean Tone, Werckmeister III, Kirnberger III, Kellner, Vallotti, Young)
- Calibration function
- Sound out function

Metronome

- 30–300 bpm
- Tap mode to set tempo by tapping on a key
- 6 time signatures (0-7 beats, duplets, triplets, shuffle, quadruplets, quadruplets without center beats)

Trainer section

- Audio recording with internal microphone
- External input for microphone or other source
- Internal flash memory (about 20 minutes recording time)
- Input gain switchable Hi/Lo
- Automatic Gain Control function

- High-speed chromatic tuner (pitch displayed on LCD in real time)
- Playback recorded sound with pitch correction according to selected musical scale
- Loop function to play a section repeatedly
- Variable Speed Audition function to change playback tempo without changing the key

General

- Built-in loudspeaker (switchable on/off)
- Phones output
- Large, clearly readable LC display
- Flip stand on rear side
- Powered by one AA battery or optional AC adapter (PS-P520)
- Dimensions (W x H x D): 150 mm x 18 mm x 64 mm
- Weight: 0.125 kg (without battery)

TA-1VP VOCAL PROCESSOR

NEW!



- 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

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 x H x D): 150 mm x 41 mm x 128 mm
- Weight: 0.53 kg



- **US-122 MKII:** 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
- **US-144 MKII:** 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

Common features

- 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 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): 179 mm x 136 mm x 47 mm
- Weight: 0.7 kg



- 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 X 10.5.8 or later
 - Mac OS X 10.6.3 or later
- Dimensions (W x H x D): 172 mm x 44 mm x 165 mm
- Weight: 0.48 kg

US-600 USB AUDIO/MIDI INTERFACE

NEW!



- Provides 6 audio inputs, 4 audio outputs (two analogue, two digital) plus one MIDI input/output for a Windows or Macintosh computer
- Ideal for high-quality multi-track home or mobile recording
- Full 24-bit/96-kHz recording without reduction of inputs/outputs
- Zero-latency analogue direct monitoring
- 4 analogue audio inputs with high-quality microphone preamps and switchable phantom power
- Stereo SPDIF digital input (coaxial)
- One input switchable to instrument level for direct connection of a guitar or bass
- XLR/TRS combo connectors (balanced) on each analogue input
- Line inputs 1/2 and 3/4 each switchable to mono
- Signal and overload indicators on each input channel
- 2 analogue outputs on RCA connectors (unbalanced)
- Stereo SPDIF digital output (coaxial)
- Level control for headphones and line output
- Monitor mix level control for headphones and line output
- USB 2.0 equipped
- Powered by AC adapter Tascam PS-P520 (included)
- 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 X 10.5.8 or later
 - Mac OS X 10.6.3 or later
- Dimensions (W x H x D): 222 mm x 44 mm x 165 mm
- Weight: 0.58 kg

US-800 USB AUDIO/MIDI INTERFACE (8 IN / 4 OUT)



- Provides 8 audio inputs and 4 audio outputs (two analogue, two digital) plus one MIDI input and output for a Windows or Macintosh computer
- Can be used as a standalone microphone/instrument/line preamplifier
- Up to 96 kHz sampling rates at 16/24-bit resolution for high recording quality
- Built-in DSP mixer for flexible routing and monitor mixing
- 2 mic/instrument inputs with XLR/TRS combo connectors on front
- 4 mic/line inputs with XLR/TRS combo connectors on rear
- Stereo digital input and output (SPDIF, coaxial)
- 48-volt phantom power available on each mic input
- Input level control and signal/overload LEDs on each analogue input
- Analogue stereo output (RCA)
- 2 headphones outputs (3.5-mm and 6.3-mm)
- Separate controls for output level and headphones volume
- USB 2.0 equipped (also supports USB 1.1)
- AC adapter included (Tascam PS-P520)
- 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 X 10.6.3 or later
- Dimensions (W x H x D): 262 mm x 44 mm x 165 mm
- Weight: 0.8 kg

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

NEW!



- 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 X 10.6.3 or later
- 1-U rackmount chassis
- AC adapter Tascam PS-1225L included
- Dimensions (W x H x D): 483 mm x 44 mm x 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



- Compact 16-channel analogue mixers
 - **M-164**: basic model
 - **M-164FX**: with effects
 - **M-164UF**: with USB audio and effects
- 6 XLR Mic/Line input modules
 - 48V phantom power (switchable on/off)
 - Switchable high pass filter (80 Hz, –12 dB)
 - 3-band EQ (100 Hz / 2.5 kHz / 12 kHz, ±15 dB)
- 5 Stereo input modules with various types of input connectors
 - Ch. 7-8/13-14: 6.3-mm TRS (balanced)
 - Ch. 9-10: RCA (unbalanced), switchable to RIAA Phono to connect a turntable
 - Ch. 11-12: RCA (unbalanced)

- Ch. 15-16: Stereo mini jack (top panel)
- 2 Aux sends/returns (send 1 switchable pre/post fader, send 2 post fader)
- Stereo sub mix bus with TRS stereo sub output and TRS mono sub output (both pseudo-balanced)
- Stereo master bus with 2-band EQ (100 Hz / 12 kHz, ±15 dB)
- Balanced TRS and unbalanced RCA stereo master outputs
- Pseudo-balanced TRS mono master output
- Headphones output with level control (switchable Master/Sub/Aux 1)
- Easy-to-read angled meter bridge

- External power supply (PS-1225L, included)
- **M-164FX and M-164UF additional features**
- Built-in digital effect processor with 16 presets including Reverb, Delay, Chorus, Flanger, Chorus+Room, Rotary Speaker
- **M-164UF additional features**
- USB 2.0 audio interface (16 inputs, 2 outputs, 96 kHz/24-bit) with support for Windows XP, Windows Vista, Windows 7 and Mac OS Tiger/Leopard/Snow Leopard

- Dimensions (all models, W x D x H):
390 mm x 345 mm x 112 mm
- Weight:
2.8 kg (M-164)
3.0 kg (M-164FX)
3.2 kg (M-164UF)



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 34)

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 x H x D):
700 mm x 230 mm x 824 mm
- Weight: 24 kg



IF-SM/DM
Surround monitoring card

IF-FW/DM MKII
FireWire card



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 34)
- 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 x H x D): 933 mm x mm 230 x 824 mm
- Weight: 35 kg



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



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 x H x D): 483 mm x 184 mm x 439 mm
- Weight: 13.7 kg



- 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

- 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 x H x D): 483 mm x 88 mm x 288 mm
- Weight: 4.8 kg



- 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 x H x D): 483 mm x 88 mm x 317 mm
- Weight: 5.5 kg



- **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**
- 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
- Computer keyboard (PS/2) connector for easy naming of files and folders
- Dimensions (W x H x D): 483 mm x 88 mm x 317 mm
- Weight: 5.5 kg



- 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
- Dual CompactFlash slot with UDMA support
- Mirroring and continuous recording between two CFs
- Uses broadcast wave format (BWF) with industry-standard iXML metadata
- Sample rates: 96/88.2/48.048/48/47.952/44.1 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)
- Additional balanced monitor output (XLR)
- AES/EBU input, main and monitor outputs
- Parallel control port
- RS-232C serial control port
- SMPTE Timecode input/output (with optional SY-2e sync extension)
- Video sync input (BNC)
- Word sync input/output (BNC)
- 1000BASE-T 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 x H x D): 483 mm x 88 mm x 317 mm
- Weight: 5.5 kg

RC-HS20PD / RC-HS32PD FLASH START CONTROLLERS FOR HS RECORDERS **NEW!**



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 x H x D):
216 mm x 75 mm x 200 mm
- Weight: 1.4 kg

RC-HS32PD **NEW!**

- 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 x 32 dot matrix colour LCD for file name display
- Single Deck mode (32 keys x 3 pages) or Dual Deck mode (16 keys x 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

HS-P82 PROFESSIONAL MULTI-TRACK FIELD RECORDER



Recording

- Dual CompactFlash recording media supports backup, mirroring and seamless A/B recording*
- 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
- Broadcast WAV (BWF) support with iXML metadata
- Various power options:
 - AA batteries (x10)
 - NP type batteries
 - AC adapter (included)
 - External DC input
 - Optional V-mount adaptor for Endura batteries
- 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)
- Sampling 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 x H x D):
270 mm x 100 mm x 260 mm
- Weight: 3.65 kg

* Seamless Record and Mirroring modes with future update

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 x H x D): 270 mm x 63 mm x 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, AC adapter (CS-P2)
- Dimensions (W x H x D): 260 mm x 196 mm x 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 x H x D): 483 mm x 95 mm x 357 mm
- Weight: 6.8 kg

Applications

- Master Recording
- Mastering
- Live Recording
- Sound Installations

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 x H x D): 483 mm x 44 mm x 280 mm
- Weight: 3.2 kg

SS-R1 / SS-CDR1 SOLID STATE/CD-RW AUDIO RECORDERS



- SS-R1: Solid state stereo audio recorder
 - Uses popular, secure CompactFlash recording media
 - No moving mechanism for high reliability
 - Supports WAV and MP3 file recording/playback.
- SS-CDR1: 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 card
 - Supports WAV file recording/playback to/from memory card
 - CD to memory (copy and ripping) and memory to CD (MP3: copy in ISO 9660, WAV: CD-DA)
- 16 bit resolution at 44.1/48 kHz sampling rates (sampling rate converter included)
- MP3 bit rates from 64 KBit/s to 384 KBit/s
- Remarkable space-saving 1-U rack-mount
- 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, single, random, repeat)
- Edit functions for WAV files on memory card (divide, combine, erase, rename)
- Pitch control, key control, auto cue, auto ready
- Power-on play (timer function)
- Fade in/out on playback
- Sync recording
- Auto/manual track increment
- Instant start
- XLR balanced and RCA unbalanced analogue I/O
- Coaxial SPDIF digital I/O with sampling rate converter
- Mono mix analogue output
- D-sub 9-pin RS-232C serial control port
- D-sub 25-pin parallel control port
- Computer keyboard (PS/2) input for folder/file name editing and remote control
- Wired remote control included
- Optional RC-SS20 direct play remote control
- Dimensions (W x H x D): 483 mm x 44 mm x 300 mm
- Weight: 3.3 kg (SS-R1), 3.5 kg (SS-CDR1)

SS-R05 SOLID STATE AUDIO RECORDER



- Solid state stereo audio recorder
 - Uses popular, secure CompactFlash recording media
 - No moving mechanism for high reliability
 - Supports WAV and MP3 file recording/playback
- Remarkable space-saving 1-U rack-mount unit
- 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, single, random, repeat)
- Edit functions for WAV files on memory card (divide, combine, erase, rename)
- Pitch control and key control
- Auto cue and auto ready
- Power-on play
- Fade in/out on playback
- Sync recording (level or time)
- Auto track increment (level, DD, time), manual track increment
- Instant start
- RCA unbalanced analogue I/O
- Coaxial SPDIF digital I/O with sampling rate converter
- Mono mix analogue output
- Computer keyboard (PS/2) input for folder/file name editing and remote control
- Wired remote control included (5 m)
- Dimensions (W x H x D): 483 mm x 44 mm x 300 mm
- Weight: 3.3 kg



- 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 controller
- Dimensions (W x H x D):
482 mm x 51 mm x 269 mm
- Weight: 2.6 kg



- 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
 - 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 x H x D):
483 mm x 45 mm x 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 **NEW!**



- **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 x H x D):
481 mm x 95 mm x 298 mm
- Weight:
4.2 kg (CD-200)
4.7 kg (CD-200i, CD-200iB)

iPod is a trademark of Apple Corporation

CD-355 5-DISC CD CHANGER



- Carousel-type CD changer for five discs
- Supports CD and CD-R/RW media
- MP3 CD playback
- Program Play across all five discs (up to 32 tracks)
- Shuffle Play
- Intro Check
- Repeat function (Single track or All tracks)
- Time display (Elapsed, Remain, Total Elapsed, Total Remain)
- MP3 Tag display (ID3)
- Keys for direct access to 5 discs (on front panel and remote control)
- Number keys on remote control for direct track access
- Fluorescent display with Music Calendar
- XLR balanced output
- RCA unbalanced output
- 2 SPDIF digital audio outputs (optical and coaxial)
- 1-bit dual D/A converter
- 8x oversampling rate
- 3-U rack-mountable
- Full-function remote control included
- Dimensions (W x H x D):
482 mm x 131 mm x 368 mm
- Weight: 7.2 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 Player

- 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 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 x H x D):
483 mm x 138 mm x 275 mm
- Weight:
6.3 kg (CD-A550)
6.5 kg (CD-A700)

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 (± 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 x H x D):
483 mm x 93 mm x 308 mm
- Weight: 4.9 kg

CD-RW901 SL 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 (± 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 x H x D): 483 x 93 x 309 mm
- Weight: 5.4 kg

CC-222 SL MKII CD RECORDER / CASSETTE DECK



General

- Cassette to CD-R/W 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 x H x D): 483 x 138 x 295 mm
- Weight: 6.9 kg

202MKV 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 x H x D): 482 x 139 x 286 mm
- Weight: 4 kg

MD-02 / MD-02B MINIDISC DECKS



- The one and only rack-mountable MD recorder/player/editor still available on the market
 - Comprehensive on-disc editing functions: divide, combine, move, erase, title edit
 - Unbalanced RCA analogue input/output
 - SPDIF optical and coaxial inputs and outputs
 - Digital input level control
 - Sample rate converter allows 48 kHz and 32 kHz digital signals to be transferred to 44.1 kHz
 - Input monitoring without an MD disk inserted
 - Four recording/playback modes:
 - Stereo
 - Mono
 - LP2 (double recording/playback time)
 - LP4 (four times recording/playback time)
 - Multiple modes can be used on the same disc for recording and playback
 - Auto-recording by input level
 - Auto track increment (by time or level)
 - Manual track increment
 - Fade in/out while recording
 - ATRAC3 compression system
 - Playback types:
 - All tracks
 - Program (up to 32 tracks)
 - Random
 - Repeat
 - Grouping of tracks and group playback
 - Power-on playback (playback starts when power comes up)
 - Headphones output with level control
 - Computer keyboard connector (PS/2) on the front panel for easy titling and control
 - Wireless remote control included
 - 19-inch rack-mountable chassis (2U)
 - Dimensions (W x H x D): 483 mm x 94 mm x 309 mm
 - Weight: 4.4 kg (MD-02), 4.5 kg (MD-02B)
- MD-02B additional feature**
- Balanced XLR input/output



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 x 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 deactivated
- Compact 2U rack-mount chassis
- Dimensions (W x H x D): 483 mm x 94 mm x 308 mm
- Weight: 5.4 kg



- 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 (balanced 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

VL-M3 ACTIVE MONITOR SET



- Convenient, compact stereo powered monitor system
- Ideal to monitor sounds from your computer, multi-track recorder or portable music player
- Good-sounding components, little space required
- One active enclosure with 12 W + 12 W built-in amplifier, one passive enclosure
- 3-inch full-range loudspeaker chassis
- Bass reflex enclosures
- RCA stereo line input
- Binding terminals for interconnection of both cabinets
- Volume control and power switch on rear panel
- Powered by AC adapter (included)
- Audio cable (stereo mini-jack to RCA) and loudspeaker cable included
- Dimensions (each enclosure): 100 mm x 152 mm x 126 mm
- Weight:
Left channel active unit: 1.2 kg
Right channel passive unit: 1.1 kg