

# TASCAM X-48 Quick Reference Guide

## Front Panel

Track Meter 1-48	Displays the signal level from -60 dBFS to -1 dBFS and overload.
<b>REC</b> indicator 1-48	Displays the record-ready status for each track.
Track arming button 1-48	Puts that track into record ready.
<b>STATUS</b> indicators	<b>ERROR</b> : Lights when a system error occurs. <b>BUSY</b> : Lights when the system is busy processing. <b>MIDI</b> : Lights when the X-48 is receiving MIDI data. <b>DISK</b> : Lights when the X-48 is accessing the hard drive.
<b>SAMPLE RATE</b> indicators	Reports the selected sample rate.
<b>TIME CODE</b> indicators	Reports the selected frame rate.
<b>SYSTEM</b> indicators	<b>SAMPLE LOCK</b> : Lights when a valid external source is present. Flashes when the selected external source is invalid. <b>DEST REC</b> : Lights when the current project is in destructive record mode. <b>VARISPEED</b> : Lights when varispeed is enabled.
<b>POWER</b> button	Turns the unit on and off.
Optical Drive	The internal DVD+RW optical drive is used to backup, restore, import and export projects and files.
Transport buttons	Used to control the recorder.
LCD	Displays information and settings.
LCD Control buttons	<b>ENTER/YES</b> : Navigates one menu level down or confirms a menu selection. <b>EXIT/NO</b> : Navigates one menu level up or cancels a menu selection. <b>CHNG</b> : Changes a menu item's value. <b>CLEAR/HOME</b> : Clears a setting or navigates to the top-level menu. <b>Up/Down</b> : Scroll through menus and menu settings.
<b>TC CHASE</b> button	Enables or disables time code chase.
<b>ALL SAFE/REC</b> button	When <b>SHIFT</b> is off, toggles record-ready on all tracks.
<b>AUTO/ALL INPUT</b> button	When <b>SHIFT</b> is on, sets all tracks to record-ready. When <b>SHIFT</b> is off, turns auto input on and off. When <b>SHIFT</b> is on, sets all tracks to input monitor.
<b>SHIFT</b> button	While pressing SHIFT, press another button to activate that's button shifted function. Alternatively, you may press and release SHIFT and then press another button to activate that button's shifted function.
<b>PROJ</b> button	Navigates to the Project menu where one may create, load, save and delete projects.
<b>DISK</b> button	Navigates to the Disk menu where one may view free drive space and format external drives.
<b>INP 1-24</b> button	Navigates to the Input selection menu for tracks 1-24.
<b>INP 25-48</b> button	Navigates to the Input selection menu for tracks 25-48.
<b>EXT MNT/UNMNT</b> button	Mounts or unmounts an external drive.
<b>SYNC</b> button	Navigates to the Sync menu where one may control the clock source, the sample rate, time code settings, etc...
<b>PREF</b> button	Navigates to the Preference menu where one may change operational settings.
<b>SYS</b> button	Navigates to the System menu where one may store/recall system setting, change the MIDI device ID, view the network settings, etc...

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## LCD Menu

### PROJ menu

New	Creates a new project.
Open	Opens an existing project.
Save	Saves the current project.
Save As...	Saves the current project as an another name.
Delete	Deletes an existing project.
Copy	Copy an existing project.

### DISK menu

Free Space	See free drive space.
Quick Format	Format external drive.

### INP 1-24 menu

IO Card Select 1-8	Selects input source by 8 channels(input 1-8).
Input Routing 1-8	Set input routing for track 1-8.
IO Card Select 9-16	Selects input source by 8 channels(input 9-16).
Input Routing 9-16	Set input routing for track 9-16.
IO Card Select 17-24	Selects input source by 8 channels(input 17-24).
Input Routing 17-24	Set input routing for track 17-24.

### INP 25-48 menu

IO Card Select 25-32	Selects input source by 8 channels(input 25-32).
Input Routing 25-32	Set input routing for track 25-32.
IO Card Select 33-40	Selects input source by 8 channels(input 33-40).
Input Routing 33-40	Set input routing for track 33-40.
IO Card Select 41-48	Selects input source by 8 channels(input 41-48).
Input Routing 41-48	Set input routing for track 41-48.

### SYNC menu

Sample Rate	Sets a sample rate.
Sample Clock Source	Sets audio clock source.
BNC Clock In	Sets a type of the <b>WORD IN</b> clock frequency.
BNC Clock Out	Sets a type of the <b>WORD OUT</b> clock frequency.
Word Out Polarity	Sets a polarity of the <b>WORD OUT</b> clock.
Frame Rate	Sets a timecode frame type.
Control Mode	Sets a timecode chase mode.
Output Muting	Sets a type of timecode output muting.
Chase Freewheel	Sets a freewheel length for timecode chase
Chase Relock	Sets a relock condition for timecode chase
Chase Offset	Sets timecode offset when chasing
Resolve to Video In	Have frame edge of the timecode output resolve to the edge of <b>VIDEO IN</b> signal.
Chase Lock Deviation	Displays difference of the internal timecode and the timecode input.

### PREF menu

Auto Chase	Enable/Disable Auto Chase.
One Button Record	Choose record operation('REC' or 'REC+PLAY')
One Button Rehearse	Choose rehearse operation('REC' or 'REC+PLAY')
Update Punch Points	Enable/Disable updating Punch In/Out points by manual punch in/out operation.
Track Key Punch	Enable/Disable punch in/out by track arming button 1-48.
Use Pre/Post-Roll	Enable/Disable Pre/Post-roll.
Pre-Roll	Sets a Pre-roll time.
Post-Roll	Sets a Post-roll time.
TimeCode Display	Changes the unit of time display.

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Mixer Bypass	Enable/Disable Mixer bypass.
Loop Mode	Sets a loop playback type.
AES 2X Mode	Sets an AES/EBU transmission method in 2x sample rate.
S/PDIF Input SRC	Enable/Disable sampling rate converter on S/PDIF inputs.
Auto Input	Changes the auto input mode. (On/Off/ADR).
Punch Crossfade	Sets crossfade time of punch in/out.
EDL Crossfade Shape	Sets a crossfade curve in the EDL.
Overload LED Time	Sets a lighting length of time of the overload indicators.
Audio File Naming	Sets an automatic naming method for audio clips.
Auto Save	Enable/Disable auto save feature of EDL.
Auto Save Time	Sets an auto save interval.
P2 Track Arm	Enable/Disable allowing to arm tracks over 9-pin.
P2 Punch Delay	Sets a delay time from receiving punch in command up to punching in.
P2 Chase Control	Sets chase mode over 9-pin(LTC/MTC/Disabled).
Meters	Changes the meter display.
Looping	Enable/Disable the playback looping.
Scrolling	Sets a scroll type for the track screen.
Load Last Project	Enable/Disable loading the last project which being open when X-48 shutdowned the last time.

## SYS menu

Settings	Recalls/Store system settings.
Midi Device ID	Sets MIDI device ID for the X-48.
Network	Sets address information for networking.
About	Shows X-48 software version.

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## VGA Pull-down Menu

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### File menu

<i>New Project...</i>	Create a new project.
<i>Open Project...</i>	Open an existing project.
<i>Save Project</i>	Saves the current project.
<i>Save Project As...</i>	Saves the current project as an another name.
<i>Convert To Non-Destructive</i>	Convert the current project to Non-destructive mode(No undo possible).
<i>Import Project...</i>	Import an OpenTL project into the X-48.
<i>Export Project...</i>	Export the current project from X-48 as AAF or OpenTL.
<i>Import Audio File...</i>	Imports an audio file into the current project.
<i>File Manager...</i>	Launch the File Manager screen.
<i>Disk Management...</i>	Launch the Disk Management screen.
<i>Drive Benchmarking...</i>	Launch Drive Benchmark utility.
<i>Drive Sharing...</i>	Activate Drive Sharing.
<i>Launch External Application...</i>	Launch an External Application.
<i>Launch MX View...</i>	Launch MX-view for the MX-2424.
<i>Launch Mixer Companion...</i>	Launch TASCAM Mixer Companion.
<i>Shutdown...</i>	Shutdown X-48.

### Edit menu

<i>undo</i>	Undo the last undoable operation.
<i>Redo</i>	Reverse the last undo operation.
<i>Copy</i>	Copy selection into the copy buffer.
<i>Cut</i>	Delete selection and copy the data into the copy buffer.
<i>Delete</i>	Delete selection.
<i>Paste</i>	Paste audio data in the copy buffer from the current playhead position on the

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<i>Repeat Paste</i>	selected track(s).
<i>Crop</i>	Repeats a paste operation by the number of specified times. Crop a selected region from audio clip(s) and delete unselected area from the clip(s).
<i>Split</i>	Split an audio clip(s) at the playhead position.
<i>Insert Time</i>	Insert the selected amount of time. Audio clip(s) after the period shifts to later.
<i>Delete Time</i>	Delete the selected amount of time.
<i>New Marker</i>	Add a new marker at the current playhead position.
<i>Play From Selection</i>	Play from the Edit In Point.
<i>History List</i>	Open undo history window.
<i>I-Beam</i>	Selects the I-Beam tool for editing.
<i>Object</i>	Selects the Object tool for editing.
<i>Smart</i>	Selects the Smart tool for editing.
<i>Magnify</i>	Selects the Magnify tool to zoom in/out.
<i>Select All On Track</i>	Select all audio on the selected track for editing.
<i>Select All</i>	Select all audio on the track screen.
<u>Process menu</u>	
<i>Pitch/Time Stretch</i>	Open Time stretch and Pitch shift interface.
<i>Consolidate</i>	Consolidate selected time into one audio file per track.
<u>Options menu</u>	
<i>Meters</i>	Changes the meter display. Clear all overload indicators.
<i>Solo</i>	Changes the Solo mode settings. Clear all solo.
<i>Snapping</i>	Changes the settings for grid snapping.
<i>Scrollong</i>	Scroll settings for the track screen.
<i>Timebar Format</i>	Changes the unit of time display.
<i>Transport</i>	Changes the preferences for transport operation.
<i>Auto Input</i>	Changes the auto input mode.
<i>All Input</i>	Enable/Disable all input.
<i>All Safe</i>	Enable/Disable all safe.
<u>Windows menu</u>	
<i>About</i>	Shows X-48 software version.
<i>Settings</i>	Open the Setting window where all operational and system settings can be changed.
<i>Display Settings...</i>	Opens the display setting window to change the VGA resolution.
<i>Clip Properties...</i>	Shows information of the selected audio clip and allows manipulation of the clip.
<i>Audio Pool...</i>	Opens the audio pool window where project audio files can be managed.
<i>Markers</i>	Opens the Marker window where project markers can be managed.
<i>Tracks</i>	Displays the Track screen tab.
<i>Ch. 1-24</i>	Displays the Mixer screen (track 1-24) tab.
<i>Ch. 25-48</i>	Displays the Mixer screen (track 25-48) tab.
<i>Groups</i>	Displays the Mixer screen (Group1-24) tab.
<i>Masters</i>	Displays the Mixer screen (AUX and Stereo master) tab.