

TASCAM Model 12 / Model 16 / Model 24 / Model 2400

ModelMixer Settings Panel V2.20 overview

Common to Model 12, Model 16 and Model 24

A new METERS Screen has been added to the ModelMixer Settings Panel. This enables, via USB, the display of a meter bridge on a computer so that signal levels for each channel strip, MIC/LINE input, USB input and MTR output can be monitored. Moreover, the SUB, AUX1 and AUX2 output signal levels for the Model 12 can also be shown.

ATTENTION

Always update the Model unit with its latest firmware from the TASCAM website before using this software.

Model 12

https://tascam.jp/int/product/model_12/support

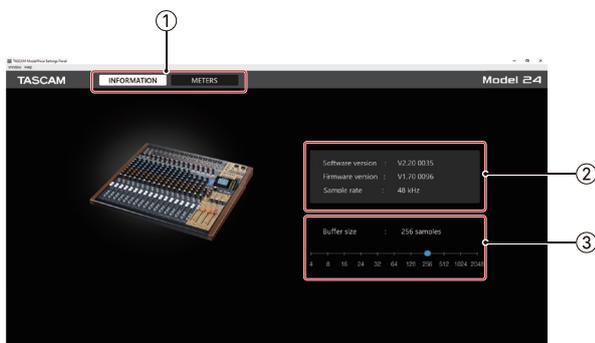
Model 16

https://tascam.jp/int/product/model_16/support

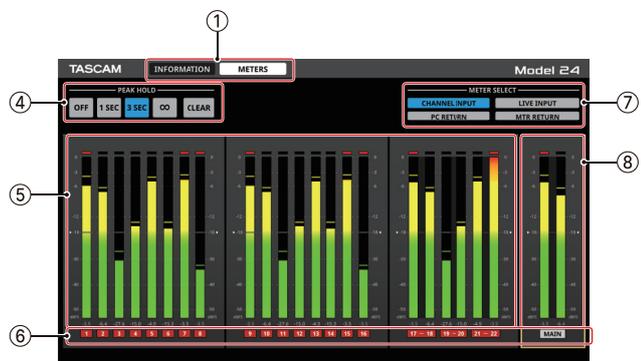
Model 24

https://tascam.jp/int/product/model_24/support

After installing the ModelMixer Settings Panel V2.20 on the computer, click the METERS screen switch at the top of the screen to open the METERS Screen for use. (The INFORMATION Screen is open by default.)



Settings Panel INFORMATION Screen



Settings Panel METERS Screen

① Screen selection buttons

Tap these buttons to switch the Settings Panel screen shown.

Button	Use
INFORMATION	This opens the INFORMATION Screen, which shows information and other details about the unit.
METERS	This opens the Meter Screen, which shows the meters.

② Status display area

This shows the current status of the software.

Item displayed	Meaning
Software version	This is the software version.
Firmware version	This is the firmware version used by the connected unit.
Sample rate	This shows the sampling frequency of the current song. If an SD card is not loaded, this shows the sampling frequency set by the computer.

③ Buffer Size (Windows only)

You can adjust the size of the buffer used to handle the audio input and output signals transferred to and from the computer.

Smaller buffer sizes result in less audio signal delay (latency), but require high-speed processing by the computer.

If the processing cannot keep up, for example, due to other system operations, clicking and popping noises might occur and the audio signal might even drop out.

Increasing the buffer size will stabilize operation and suppress negative effects on audio signals, but the delay in audio signals sent to the computer will increase.

The buffer size for the unit can be adjusted according to the use conditions.

Options

4, 8, 16, 24, 32, 64, 128, 256 (default), 512, 1024, 2048

- On macOS, adjust this within the DAW.

④ PEAK HOLD setting buttons

Tap these buttons to set the peak hold display for all the meters.

Button	Explanation
OFF	Peak hold will not be shown.
1 SEC	The peak level will be held for 1 second.
3 SEC	The peak level will be held for 3 seconds.
∞	The peak level will be held until cleared.
CLEAR	This clears the peak hold.

⑤ Channel level meters

These show the levels of the channels selected with the METER SELECT button.

Level values are shown at the bottom of the level meters. The unit is dBFS. Peak holds can be individually cleared by clicking around these numbers.

TASCAM Model 12 / Model 16 / Model 24 / Model 2400

⑥ Channels

These show the channel numbers.
 When CHANNEL INPUT is selected, these show the REC button states of the unit channels.
 The MAIN area always shows the REC button state, except for MTR RETURN.
 The colors of the channel numbers indicate the following states.

Color	Explanation
Black	The state of the REC button is not shown.
Gray	The REC button is not pressed for this channel.
Blinking red	The REC button is pressed for this channel, and it is in recording standby.
Lit red	The REC button is pressed for this channel, which is recording.



Model 2400

ModelMixer Settings Panel V2.20 changes

- In the METER SELECT area, the name of the MTR SOURCE button has been changed to "CHANNEL INPUT".

⑦ METER SELECT buttons

Tap these buttons to select the signals shown by the level meters.

Button	Explanation
CHANNEL INPUT	The levels of signals input on each channel strip will be shown depending on their MODE switch settings.
LIVE INPUT	The levels of signals being input to each MIC/LINE jack will be shown.
PC RETURN	The levels of signals input to the mixer from the USB audio interface connected to a computer will be shown.
MTR RETURN	The playback signal levels of songs recorded on SD cards (MTR playback) will be shown. The MAIN level meters will show stereo master files.



⑨ METER SELECT buttons

Tap these buttons to select the signals shown by the level meters.

Button	Explanation
CHANNEL INPUT	The levels of signals input on each channel strip will be shown depending on their MODE switch settings.
MIC/LINE	The levels of signals being input to each MIC/LINE jack will be shown.
USB RETURN	The levels of signals input to the mixer from the USB audio interface connected to a computer will be shown.
MTR RETURN	The playback signal levels of songs recorded on SD cards (MTR playback) will be shown. The MAIN level meters will show stereo master files.

NOTE

- When CHANNEL INPUT is shown with a Model 12, the level of the signal specified for each channel by the MTR/USB SEND POINT setting will be shown.
- See the latest block diagrams for the Model Series on the TASCAM website for details about metering points.

Model 12

https://tascam.jp/int/product/model_12/support

Model 16

https://tascam.jp/int/product/model_16/support

Model 24

https://tascam.jp/int/product/model_24/support

⑧ MAIN level meters

These show the levels of the MAIN MIX L/R output signals.
 When showing MTR RETURN, these show the levels of the stereo master files.
 Level values are shown at the bottom of the level meters.
 The unit is dBFS.

NOTE

- When POST REC SW is set to ON for a Model 16, these will show the POST FADER signal levels.
- For a Model 12, these will show the POST FADER signal levels.
- For a Model 12, in addition to the MAIN MIX L/R, the SUB, AUX1 and AUX2 output signal levels for the Model 12 will also be shown.

NOTE

- When showing MIC/LINE, the levels of signals from the MIC/LINE input jacks will be shown. When the No REC OUT switch on the unit is set to ON (POST EQ), however, levels after COMP/EQ in the channel strips will be shown.
- See the latest block diagram for the Model 2400 on the TASCAM website for details about metering points.

https://tascam.jp/int/product/model_2400/support