TASCAM
TEAC Professional Division

AV-452
Powered Mixer

<div style="background:black;color:white">**OPERATION GUIDE**</div>

Note to system integrator/installer: Please fill in the table below, so that users of the equipment have an easy reference when they operate the AV-452

Connections

Microphone placement	
MIC 1	
MIC 2	
MIC 3	
MIC 4	
AV sources	
CASSETTE	
CD-RW	
DVD	
VCR	
AUX	
Video monitor connections	
RGB 1	
RGB 2	
Speaker connections	
AMP A	
AMP B	

Other system notes

REC MONITOR switch & indicator

In the **SOURCE** position, the output of the signal selected using the AV selector keys is fed to the inputs of all connected equipment (except the source unit, to avoid signal loops). For example, if the cassette is selected, the cassette output is fed to the CD-RW and VCR inputs. The indicator lights.

In the **CASS** position, the cassette output is fed to the CD-RW and VCR inputs, regardless of the AV selector keys.

In the **CD-RW** position, the CD-RW output is fed to the cassette and VCR inputs, regardless of the AV selector keys.

OL indicators (x 4)

If these indicators light frequently, you should turn the **GAIN** control of the appropriate channel counterclockwise until the indicator only lights on very loud inputs.

GAIN controls (x 4)

Usually you do not need to touch these controls unless the **OL** indicator of the channel is lighting frequently.

AV DIM key

Press this key to reduce the level of the AV signal. Press again to restore the original level.

RGB 1 & RGB 2 keys

These keys are used to select the RGB input source of an external monitor or projector. They do not affect the output or input from or to the AV-452.

ROOM VOLUME

Remotely-controllable overall volume control.

INTERCOM and CASCADE IN keys

Press the **INTERCOM** key to enable playback of the internal building intercom system through the AV-452

Press the **CASCADE IN** key to add the cascaded input from another unit to your mix (or replace, depending on your setup).

AMP A and AMP B keys

Turn speakers A and B individually on and off.

IR SENSOR

Do not block this window if you are using the RC-452 remote control unit.

PHONES jack &level control

Use a standard pair of stereo headphones here.

RGB 2 IN

Plug in a standard VGA computer video cable here for use as the **RGB 2** input of the monitor/projector.

MUTE keys (x 4)

Press these keys to cut the appropriate microphone signal.

Microphone faders (x 4)

Move up to increase the volume, and down to decrease the volume of the microphone channel. The fader should usually be at about the "**7**" mark.

EQ controls (x 5)

Use these controls to adjust the tone of the microphone and AV inputs.

HI cuts or boosts the high frequencies (treble).

MID cuts or boosts the mid-range (where most of the vocal frequencies are concentrated).

Use **LO** to cut or boost the low (bass) parts of the signal.

AUX in jacks and switch

Connect an external device's audio outputs to the **L** and **R** input jacks. If the device has a video output (e.g. a camcorder), connect this to the **VIDEO** jack.
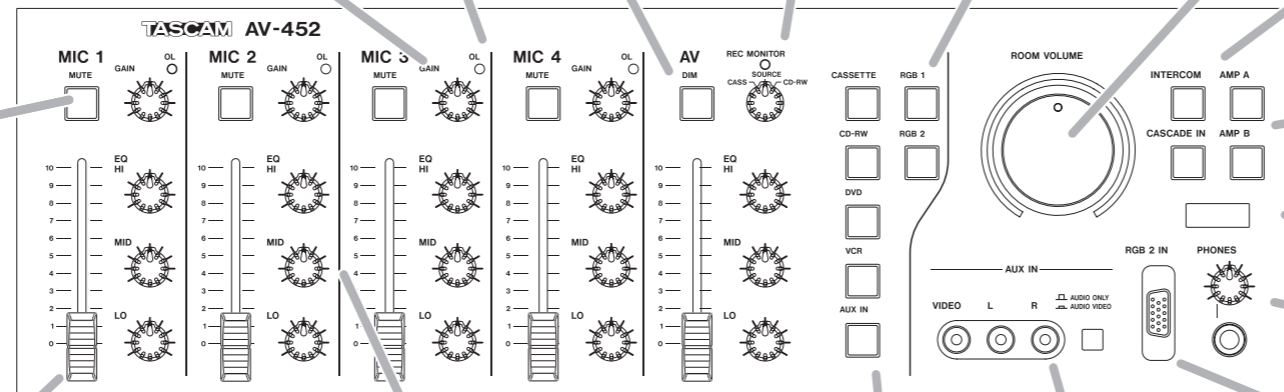
Use the switch to select **AUDIO ONLY** (out) or **AUDIO VIDEO** (in)

Select this AV source with the **AUX** selector key.

AV selector keys (CASSETTE, CD-RW, DVD, VCR, AUX IN)

Use these keys to select a single audio-video source for the AV channel. This selected source's level and tone are controlled by the AV fader and EQ controls.

The key of the selected source lights.

RC-452 remote control unit

ICOM and CASCADE IN keys

Press the **ICOM** key to enable playback of the internal building intercom system through the AV-452.

Press the **CASCADE** key to add the cascaded input from another unit to your mix (or replace, depending on your setup).

SET key

This key (and the **LEARN** key by the **CASSETTE** section) are used for programming the RC-452, and are not used in normal operation.

TV PROJECTOR ON/OFF keys

Use these to turn the external projector on and off

AMP A and AMP B keys

Turn speakers A and B individually on and off.

AV selector keys

Use these keys to select a single audio-video source for the AV channel.

MUTE keys (x 4)

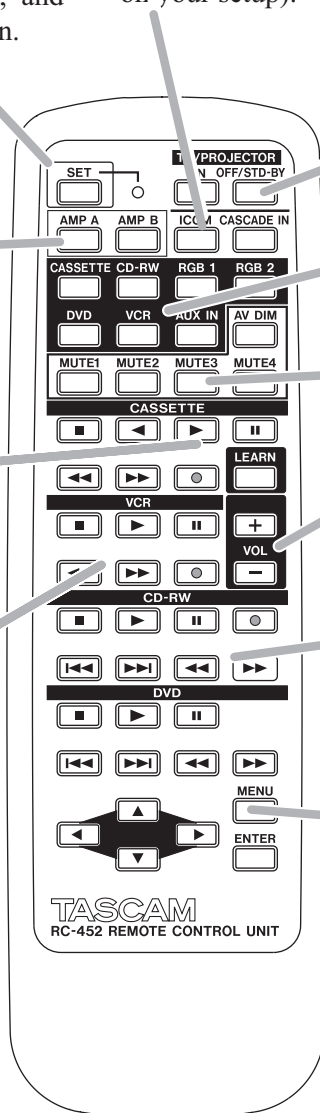Press these keys to cut the appropriate microphone signal.

CASSETTE keys

Use these programmable keys to control the cassette deck connected to the AV-452 (the **LEARN** key is used for programming purposes).

VOL + and – keys

Use these to adjust the output level (and move the **ROOM VOLUME** control).

VCR keys

Use these programmable keys to control the VCR connected to the AV-452.

CD-RW keys

Use these programmable keys to control the CD player/recorder connected to the AV-452.

DVD keys

Use these programmable keys to control the DVD player connected to the AV-452.

Notes (support contact details, etc.)