

# AW2400 Version 1.1 Manual Update

This AW2400 firmware update requires the following additions and revisions to the original AW2400 owner's manual. Please read to the supplementary information provided here when referring to the corresponding sections of the AW2400 owner's manual.

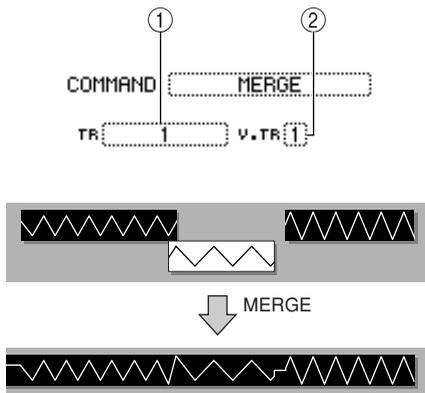
## New Feature: Track Edit MERGE Command (Manual page 142)

A MERGE track edit command has been added to enhance the unit's audio playback performance.

### MERGE

Audio playback performance can be improved by using this command to merge a number of separate regions (sections of audio data created in separate recording passes) in a specified track into one continuous region.

The merge command creates a continuous region from the beginning of the track to the end of the last region on the track, and sections of the track that contained no regions are replaced with audio silence.



### Parameter list

Parameter	Range	Explanation
① From TR	1-24	A single audio track
	1&2-23&24	A pair of adjacent odd-numbered/even-numbered audio tracks
② From V.TR	1-8	Virtual track number

## New Feature: Gate Effect (Manual page 257)

A Gate effect has been added to Effect Library No. 42 so that it is now possible to apply gate processing to tracks. The Stereo Reverb effect that was originally located in Effect Library No. 42 has been deleted.

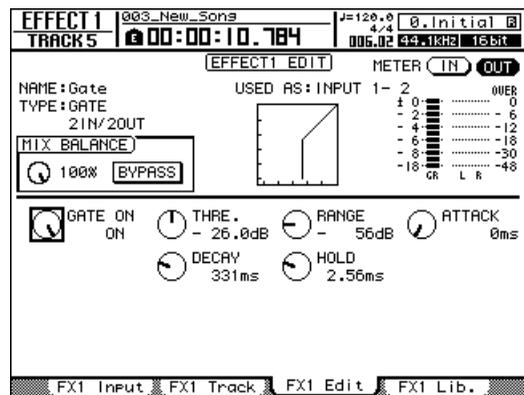
### ■ GATE

This is a 2-in/2-out gate that attenuates signals below the specified threshold level.

Parameter	Range	Description
GATE ON	ON, OFF	Turns the gate function on or off.
THRESH	-54 to 0 dB	Sets the threshold level at which the gate begins to affect the input signal.
RANGE	-70 to 0 dB	Sets the level when the gate is closed.
ATTACK	0-120 ms	Sets the time it take for the gate to actually open after the threshold level is exceeded.
DECAY	*1	Sets the time it takes for the gate to close completely after it begins closing.
HOLD	*2	Sets the time it takes for the gate to begin closing after the signal drops below the threshold level.

\*1. 6-46.0 s (fs=44.1kHz), 5-42.3 s (fs=48kHz)

\*2. 0.02-2.13 s (fs=44.1kHz), 0.02-1.96 s (fs=48kHz)



## **Troubleshooting (Manual page 260)**

### ■ **A small amount of noise is produced when a song is played back on a different AW2400 unit**

- A small amount of noise may be heard at the beginnings and ends of audio regions when a song created on an AW2400 unit with Version 1.1 firmware is played back on an AW2400 with Version 1.0 firmware. Please update all AW2400 units you are using to the latest firmware version. Information on the latest firmware version as well as update procedure can be found at the internet address below.

<http://www.yamahasyth.com/>

### ■ **The sound and displays of some effects are different when a song is played back on a different AW2400 unit**

- When songs that include scenes or effect library using a Gate effect are loaded into an AW2400 with Version 1.0 firmware, Gate effects may be replaced by a Reverb Hall effect and some displays may not appear as expected. Please update all AW2400 units you are using to the latest firmware version. Information on the latest firmware version as well as update procedure can be found at the internet address below.

<http://www.yamahasyth.com/>

## **Correction (Manual page 257)**

The FREEZE effect parameter listed on page 257 of the manual is not provided in the AW2400.