

12G-SDI Audio Monitor



AM-3825



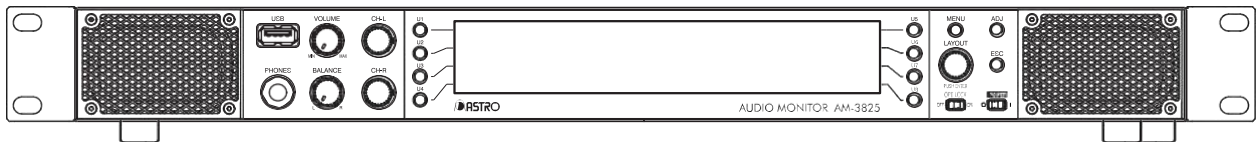
AM-3825 is an audio monitor that separates the embedded audio of 12G, 6G, 3G, HD, and SD-SDI signals from the video signals, and monitors audio with the use of the built-in speakers or headphones.

It is equipped with a wide variety of audio input and output interfaces, including AES, MADI, Dante (ST 2110-30 compatible), and analog.

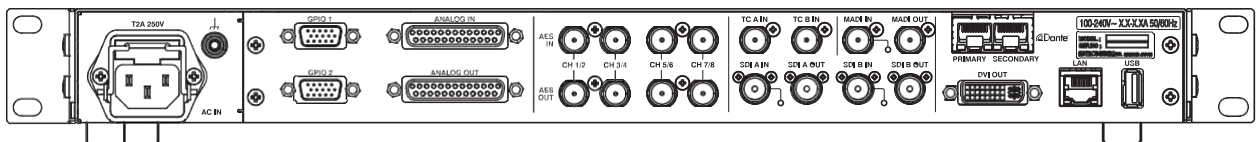
Features

- Wide variety of supported video formats
- Wide variety of audio input/output interfaces
- Loudness measurement function
- Free remapping of input audio to output audio (excluding main unit speakers and SDI output)
- Simultaneous monitoring of up to 32 channels of audio
- L/R speakers as standard feature
- LCD display with superior visibility Preset feature
- User button function
- Down mix function
- GPIO remote control function
- Alarm output function to external device
- Space-saving housing
- AC power supply compatible

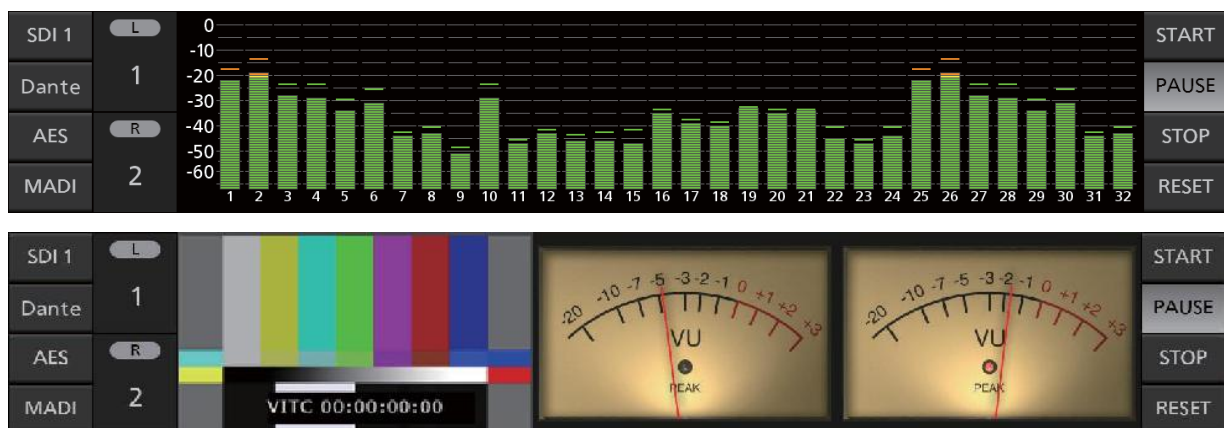
Front



Rear



Display



Specifications

SDI I/O	Specifications	
12G-SDI	SDI Input/Output Embedded audio signal	SMPTE ST 2082 compliant SMPTE 299M compliant (sampling frequency 48kHz synchronous / asynchronous audio)
6G-SDI	SDI Input/Output Embedded audio signal	SMPTE ST 2081 compliant SMPTE 299M compliant (sampling frequency 48kHz synchronous / asynchronous audio)
3G-SDI	SDI Input/Output Embedded audio signal	SMPTE 424M compliant SMPTE 299M compliant (sampling frequency 48kHz synchronous / asynchronous audio)
HD-SDI	SDI Input/Output Embedded audio signal	BTA S-004B compliant, SMPTE 292M compliant SMPTE 299M compliant (sampling frequency 48kHz synchronous / asynchronous audio)
SD-SDI	SDI Input/Output Embedded audio signal	SMPTE 259M compliant SMPTE 272M compliant (sampling frequency 48kHz synchronized audio)
I/F	Specifications	
AES3id Input	Standard: Unbalanced AES, Bit length: 24bit PCM, Sampling frequency: 48kHz, Impedance: 75 Ω	
AES3id Output	Standard: Unbalanced AES, Sampling frequency: 48kHz, Impedance: 75 Ω	
8ch Analog Balance Input	Input regulation level: + 4dBu (1.23 V (RMS)) * Regulation level -20dBFS fixed Maximum input non-clip level: + 24dBu (12.28 V (RMS)) Input impedance: 10k Ω or more or 600 Ω switching	
8ch Analog Balance Output	Output regulation level: + 4dBu (1.23 V (RMS)) * Regulation level -20dBFS fixed Maximum output non-clip level: + 24dBu (12.28 V (RMS)) Output impedance: 150 Ω, compatible load impedance: 600 Ω	
MADI Input	Sampling frequency: 48kHz, Bit length: 24bit PCM, Number of channels: 64ch, Impedance: 75 Ω	
MADI Output	Sampling frequency: 48kHz, Bit length: 24bit PCM, Number of channels: 64ch, Impedance: 75 Ω	
Dante Input	Sampling frequency: 48kHz, bit length: 24bit PCM, number of channels: 64ch, SMPTE ST 2110-30 compatible Redundant connection using Primary / Secondary port or multiple connection by daisy chain is possible	
Dante Output	Sampling frequency: 48kHz, bit length: 24bit PCM, number of channels: 64ch, SMPTE ST 2110-30 compatible	
TIMECODE Input	Support LTC Only	
Contact control	GPI	
LAN	10/100BASE-T	

General Specifications	Specifications
Power Requirements	AC 100-240V (50/60Hz)
Power Consumption	40W MAX
Operating Temperature Range	0 to 40°C
Operating Humidity Range	30 to 80% RH (Ambient Temperature 0 to 40 °C, No Condensation)
Dimensions	430 (W) x 44 (H) x 205 (D) mm (Excluding Protrusions) EIA 1U
Weight	3.6kg
Display Panel Specifications	Specifications
Display	a-Si TFT display
Color	1677Million colors
Contrast ratio	800:1 (typ)
Response time	25ms (MAX: all white 90% → all black 10% + MAX: all black 10% → all white 90%)
Viewing angle	160° up and down, 160° left and right
Maximum brightness	900cd/m ² (typ)
Display size	6.6 inch
Resolution	1440(H) × 240(V) Pixels
Pixel pitch	0.114(H) × 0.114(V) mm