

# ST 2110 Compliant Audio Monitor

## AM-3829



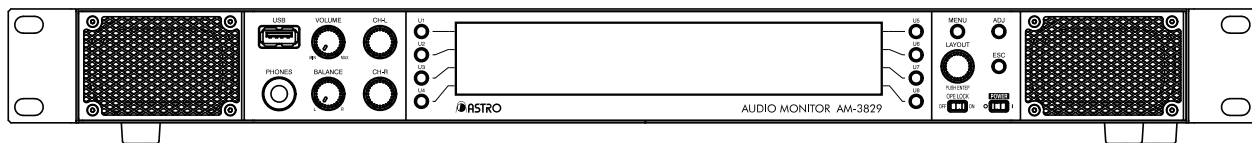
Audio monitor compliant with SMPTE ST 2110-30.

Equipped with SDI, MADI, AES, and ANALOG interfaces, it can easily monitor audio signals in any scene.

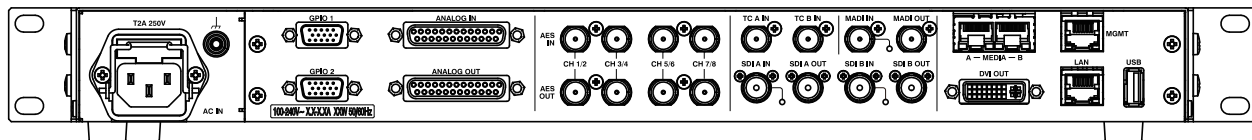
### Features

- SMPTE ST 2110-30 compliant
- Equipped with 12G-SDI, MADI, AES, and ANALOG input/output interfaces
- Audio output remapping is available (Can be used as a gateway) \*Excluding SDI output
- Simultaneous audio monitoring of up to 32 channels
- Audio level bar, loudness level bar, Lissajous, needle meter, spectrum analyzer, loudness measurement, loudness history, status, time code, two-screen multi, and video display function
- Main unit preset and remapping set functions
- User buttons that allow shortcut assignment
- Downmix function
- External control and alarm output via GPIO and LAN
- Space-saving design

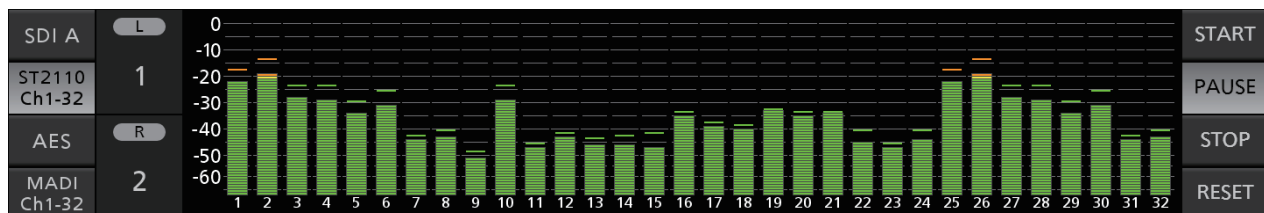
### Front View



### Rear View



### Measurement Screen



## Features

| Interface             | Specification   |
|-----------------------|---|
| ST 2110               | RJ-45x3<br>1000Base-T Ethernet  |
| Supported Standards   | SMPTE ST 2110-30<br>Supports conformance levels A/B/C<br>SMPTE ST 2022-7 Class B<br>SMPTE ST 2059-2   |
| Format                | 48kHz 24bit 64ch  |
| Control               | AMWA NMOS IS-04:v1.2, -05:v1.0  |
| SDI                   | 12G/6G/3G/HD/SD-SDIx2 Input/output  |
| Supported Standards   | SMPTE ST 2082, 2081, 424M, 292M, 259M, 272M Compliant   |
| Embedded Audio Format | 48kHz 24bit 16chx2  |
| Embedded Time Code    | LTC, VITC   |
| AES                   | BNCx4 Input/output<br>Unbalanced AES, impedance: 75Ω  |
| Format                | 48kHz 24bit PCM 8ch   |
| MADI                  | BNCx1 Input/output<br>Impedance: 75Ω  |
| Format                | 48kHz 24bit PCM 64ch  |
| Analog                | D-SUB25x1 Input/output<br>8ch analog balance, YAMAHA, TASCAM interchange<br>Input reference level: +4dBu, Max. non-clip level: +24dBu, Impedance: 600Ω, 100KΩ switching, A/D processing: 48kHz 24 bit<br>Output measurement level: +4dBu *20dBFS fixed, Max. non-slip level: +24dBu, Impedance: 150Ω, Adaptive load over 600Ω |
| DVI                   | DVI-Dx1<br>Single link, 1080p60Hz RGB fixed   |
| Format                | 48kHz 24bit 8ch   |
| Headphones            | LargeΦ6.3mmx1<br>Max. output: 20mW(16Ω)   |
| Timecode              | BNCx2 input   |
| Contact Control       | D-SUB15x2<br>GPIx12, GPOx12   |
| LAN                   | RJ-45x1<br>100Base-T Ethernet   |

| General Specifications   | Description   |
|--------------------------|---|
| Power Source             | AC 100-240V(50/60Hz)  |
| Power Consumption        | 40W MAX   |
| Operating Temperature    | 0~40°C  |
| Operating Humidity       | 30~80%RH(Ambient temperature 0~40°C no condensation)                      |
| Dimensions               | 430(W)x44(H)x205(D)mm (Excluding protrusions) EIA 1U                      |
| Weight                   | 3.6kg   |
| LCD Panel Specifications | Description   |
| LCD                      | a-Si TFT LCD  |
| Display Color            | 16.77 million colors  |
| Contrast Comparison      | 800:1 (typ)   |
| Response Time            | 25ms (MAX: All White 90%→All Black 10%+MAX: All Black 10%→ All White 90%) |
| Viewing Angle            | Up and Down 160°Left and Right 160°                                       |
| Maximum Brightness       | 900cd/m <sup>2</sup> (typ)  |
| Screen Size              | 6.6 inch  |
| Resolution               | 1440(H)x240(V)Pixels  |
| Pixel Pitch              | 0.114(H)x0.114(V)mm   |