

Audio Monitor

AM-3805



Astro audio monitor AM-3805 separates audio signal embedded in HD/SD-SDI and output to equipped speakers and headphones for audio monitoring. It supports wide variety of display mode such as VU, Peak, Lissajous, Spectrum and Loudness meter.

Features

Audio functions

- AES/EBU 8 channels input(1 to 16ch) and output (1 to 16ch)
- Balanced analog input(1 to 8ch) and output(1 to 8ch)
- Stereo speakers L/R
- Stereo headphones
- 5.1ch down mix compliant to ISO/IEC 13818-7:1997(E) matrix
- Audio volume and L/R balance

Clear view LCD panel

- Status
- Audio level bar
- VU meter
- Spectrum analyzer
- Lissajous
- Audio peak meter
- Loudness meter, etc

Loudness meter functions

- Loudness meter compliant to ITU-R BS.1770
- Overwriting re-measurement
 - Various trigger point
 - Data logging

GPIO

- GPI to select audio channel, preset data loading
- GPO to alarm output, remote control
- Clock input

Dedicated GUI

Features

- Connecting PC and LAN cable, it supports Java based web browsing operation, loudness level check, log out, etc.

GUI samples

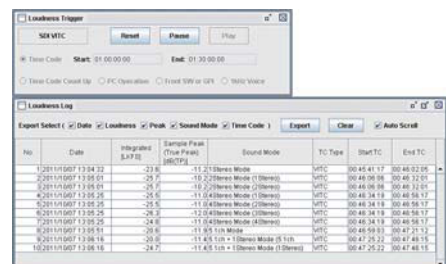
GUI entrance page



Loudness history



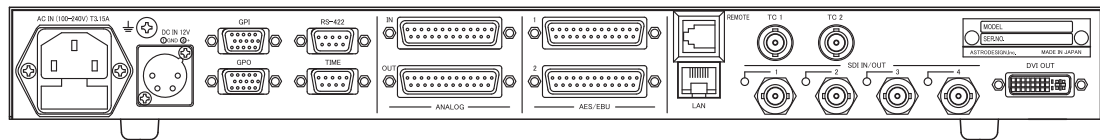
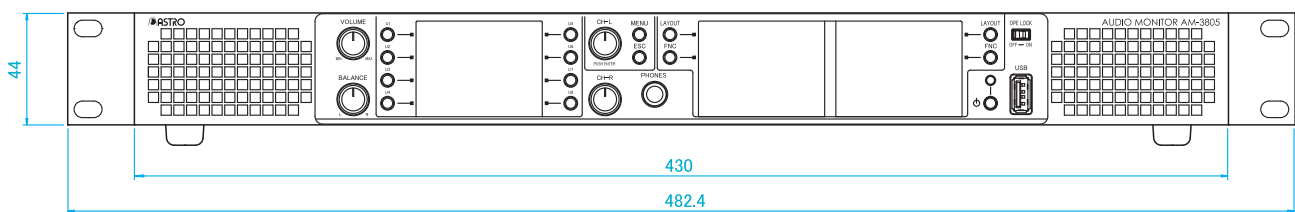
Loudness trigger and logging



Specifications

AM-3803/AM-3805	
Supply voltage	DC10 to 18V AC100 to 240V (50/60Hz)
Power consumption	38W MAX
LCD life time	50,000 hours (LCD backlight half life period)
Operating temperature range	0 to 40°
Operating humidity range	30 to 80%RH (no condensation)
Dimensions (WxD(mm))	430(W)x44(H)x205(D)mm (excluding subjected parts)
Weights	Approx. 2.7kgs

Appearance



D = 205mm

Loudness application

Features

Loudness log analysis software SP-3802

- Load and analysis loudness log from AM-3803/3805
- Analysis result display and log output for smooth operation

