# 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.
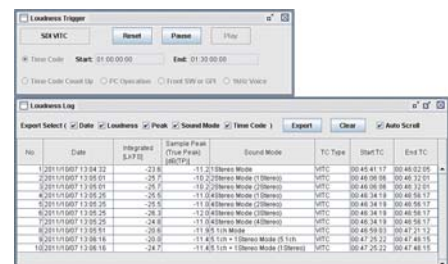
### GUI samples

**GUI entrance page**
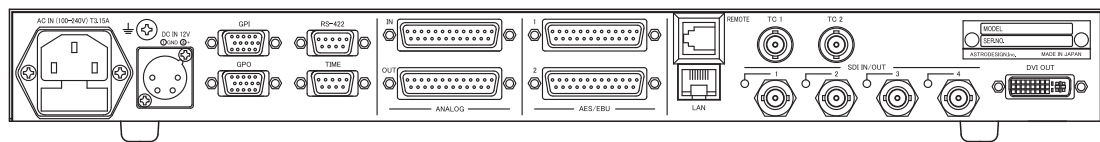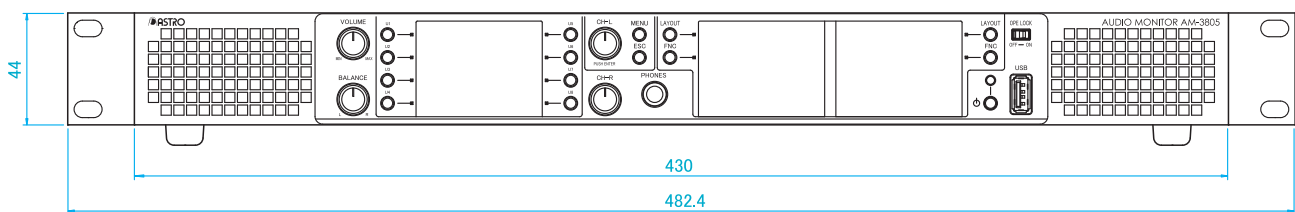


**Loudness history**



**Loudness trigger and logging**

## Specifications

| | |
|---|---|
| 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



430
482.4
44

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