**A6300** Headphone Amplifier

Four independent input/AUX channels provide up to four stereo mixes
Independent controls in each channel: aux pan, aux-to-main balance, tone, and output level
Mono/stereo switch in each channel provides greater flexibility
Left-only and right-only switches in each channel allow source-specific muting during mono listening
Additional main input connector conveniently located at the front panel
Parallel main output allows connection of multiple headphone amplifiers in a daisy-chain


**FEATURES**

- Four independent high-power stereo amplifiers
- Four independent Input/AUX channels provide up to four stereo mixes
- Independent controls in each channel: AUX pan, AUX-to-Main balance, tone, and output level
- Mono/stereo switch in each channel provides greater flexibility
- Left-only and right-only switches in each channel allow source-specific muting during mono listening
- Three 1/4" TRS headphone outputs per channel: one in the front, two in the back
- An 8-segment LED meter for each channel's output
- Additional main input connector conveniently located at the front panel
- Parallel main output allows connection of multiple headphone amplifiers in a daisy-chain
- Balanced XLR and 1/4" TRS input and outputs
- Shielded toroidal power transformer ensures minimal interference noise

A6300 MONITORCENTRAL, Phonic's studio-quality headphone amplifier, offers four stereo amps with AUX inputs and tone controls in a single rack space. A single unit of MONITORCENTRAL can distribute playback to as many as 12 sets of headphones in four channels. Each channel has its own independently controlled functions such as AUX pan, tone, balance, output level, and switches for left-only, right-only, and mono/stereo monitoring. An 8-segment LED meter provides instant display of the input level, while another 8-segment LED meter in each channel shows that channel's independent output level. The multi-functionality and flexibility of MONITORCENTRAL makes it universally applicable to demanding tasks like studio recording and radio and TV broadcasting.

## Specifications

| | |
|---|---|
| **Audio Inputs** | |
| Connectors | XLR and 1/4" TRS |
| Type | RF filtered, balanced and unbalanced input |
| Impedance | 40k ohms balanced, 20k ohms unbalanced |
| Maximum Input Level | +21 dBu balanced and unbalanced |
| **AUX Input** | |
| Connectors | 1/4" TRS |
| Type | Balanced and unbalanced |
| Impedance | 10k ohms balanced, 20k ohms unbalanced |
| Maximum Input Level | +26 dB balanced |
| **Audio Output** | |
| Connectors | XLR and 1/4" TRS |
| Type | balanced and unbalanced |
| Impedance | 100 ohms |
| Maximum Output Level | +21 dBu balanced and unbalanced |
| **Headphone Outputs** | |
| Connectors | 1/4" TRS |
| Minimum Impedance | 4 ohms |
| Maximum Output Level | +26 dBm unbalanced |
| **System Specifications** | |
| CMRR | typically 40 dB, > 50 dB @ 1 kHz |

| | |
|---|---|
| Bandwidth | 20 Hz to 20 kHz, -3/+0 dB |
| Noise | < -75 dB |
| THD | 0.06% @ +4 dB, 1 kHz |
| Crosstalk | < -80 dB |
| **Function Controls** | System-wide: Main-In Level |
| | Per Channel: Aux-Main Balance, Aux Pan, Tone, Output |
| | Level, L-only switch, R-only switch, L+R switch |
| **Display** | System-wide: 8-segment LED meter |
| | with clip indicator for main input level |
| **Power Supply** | Per Channel: 8-segment LED meter |
| | with clip indicator for output level |
| Power Requirement | |
| Power Consumption | 100-120 V, 200-240 V, AC 50-60 Hz |
| Fuse | 40 W |
| | 100-120 V: 2 A |
| | 200-240 V: T 1.25 A |
| Power Connection | Standard IEC receptacle |
| **Physical (approx.)** | |
| Dimensions (W x H x D) | 483 x 44 x 205 mm (19 x 1.75 x 8 in.) |
| Weight | 3.7 kg (8.2 lbs.) |


**Back Panel**



PHONIC