



Cat. No. AE6MA



AE6MC-PAD



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## Leviton Architectural Edition™ Multi-Room Audio Amplifiers

*Superior Multi-Channel Power and Performance*

Leviton's AE6MA and AE6MC Architectural Edition Multi-Room Audio Amplifiers combine advanced audio engineering, high-current amplifier performance and tremendous value in a single low-profile chassis that delivers superior multi-channel amplification to meet the needs of the most demanding residential multi-zone distributed music systems.

### 12 CHANNEL (6 STEREO PAIRS) POWER AMPLIFIER - AE6MA

The AE6MA is a 12-channel (6 stereo pairs), 50-Watt-per-channel (nominal rating) high current amplifier that combines the reliability of a commercial design with the sound quality normally associated with "audiophile" stereo amplifiers. The result is an amplifier that can deliver a no-compromise listening experience to any room in a home.

Each channel is individually and fully protected against dangerously low impedance swings, overheating, overloading and voltage irregularities. The AE6MA also features numerous installer-friendly features, including individual input channel gain adjustment, external power ON/OFF capability and "channel link," which allows installers to connect individual sources to all six stereo inputs or link any of inputs # 2 through # 6 to the #1 input without using external adapters.

### FEATURES

- **Automatic protection circuitry**
- **Individual input gain adjustment** - Adjusts each channel for input and speaker sensitivity variations.
- **External power ON/OFF through external controllers** (12VDC trigger output)
- **Electronic Link feature** - Allows for either six different stereo channel inputs to have individual sources, or for a different channel input's pair to share a common source (depending on which link button is selected with a particular source).
- **Cooling fan** - A thermostatically-controlled internal fan helps prevent overheating, maximizes energy efficiency and ensures long-term reliability.

### SPECIFICATIONS

Output power:	50 Watts nominal; (40 Watts RMS per channel 20Hz to 20kHz @ <0.2% THD, all channels driven into 8 ohms)
Peak output power:	100 Watts per channel
Inputs:	Gold-plated RCA jacks with adjustable input gain
Outputs:	5-way gold-plated binding posts
Total Harmonic Distortion (THD):	Less than 0.1% 20 Hz to 20 kHz
Signal-to-noise ratio:	Over 105 dBA weighted (50 Watts)
Fan noise:	Quiet 28 dBA
Height:	3.5 in (89mm)
Width:	17 in (432 mm)
Depth:	11.5 in (292 mm)
Weight:	22 lb (10 kg)

### SEVEN-SOURCE, SIX-ROOM MULTI-CHANNEL CONTROLLER AMPLIFIER – AE6MC

The **AE6MC** features six digital volume-controlled stereo (50 watt per channel) amplifiers with individual seven-source selection. The AE6MC is designed to meet the amplifier needs of custom installed multi-zone systems where both high quality sound and the ultimate in multi-source listening flexibility are required. Its unique combination of audiophile performance, multi-source versatility and commercial ruggedness make it a powerful asset for any advanced residential entertainment system.

The AE6MC's sophisticated circuit topology makes it possible to enjoy up to seven different sources of sound (FM, CDs, MP3s, and more) in up to six rooms or zones. Users in each zone or room can select from seven audio sources as well as control volume. And, advanced settings allow the adjustment of bass, treble and balance. Features such as an external voltage trigger that can turn source equipment ON and OFF, individual paging zone infrared outputs, a fully balanced paging override, RS232 and/or PC control, fully buffered line-level outputs and more, give the AE6MC exceptional value when installed in homes and large complex systems. A data port is provided for ganging multiple AE6MCs. Infrared signals can be relayed from remote keypads to the source equipment.

The AE6MC is normally controlled by AE6MC LCD keypads (sold separately). It can also be controlled by a PC or compatible whole-house control system using the RS232 communication port. The paging override feature enables the amplifier to be used with a compatible whole-house paging or doorbell chime system.

### FEATURES

- **Seven source input selection** - Each of the six stereo amplifiers (12 channels total) has access to up to seven independent audio sources.
- **Six internal 80+ position stereo volume controls**
- **High efficiency/small space** - Each of the 12 power amplifiers, inside the 3.5" high enclosure, delivers 50 Watts nominal (40 Watts RMS) with peaks of 100 Watts.
- **Automatic protection circuitry**
- **Individual bass, treble and balance adjustment** - Allows the installer to adjust tonal balance to compensate for speaker placement and listening room variables.
- **External power ON/OFF through external controllers** (12VDC trigger output)
- **All-zone control through use of AE6MC keypad** - Allows access to the entire system from a single keypad, as an entertainment feature. Keypad can be controlled remotely with an AE6MC remote (Sold separately).
- **Cooling fan** - A thermostatically-controlled internal fan helps prevent overheating, maximizes energy efficiency and ensures long-term reliability.

### SPECIFICATIONS

Output power:	50 Watts nominal; (40 Watts RMS per channel 20Hz to 20kHz @ <0.2% THD, all channels driven into 8 ohms)
Peak output power:	100 Watts per channel
Inputs:	14 gold-plated RCA jacks with adjustable input gain. Each input has a fully buffered RCA jack output.
Outputs:	Removable screw terminal type accepts 12-20 gauge wire
Total Harmonic Distortion (THD):	Less than 0.1% 20 Hz to 20 kHz
Signal-to-noise ratio:	Over 105 dBA weighted (50 Watts)
Fan noise:	Quiet 28 dBA
Height:	3.5 in (89mm)
Width:	17 in (432 mm)
Depth:	11.5 in (292 mm)
Weight:	22 lb (10 kg)

### ORDERING INFORMATION

CAT. NO.	DESCRIPTION
<b>AE6MA</b>	12-Channel (6 Stereo Pairs) Power Amplifier
<b>AE6MC</b>	Seven-Source, Six-Room Multi-Channel Controller-Amplifier
<b>AE6MC-PAD</b>	Keypad Controller for AE6MC
<b>AE6MC-RMT</b>	Remote Control for AE6MC Keypad Operation
<b>A6KIT-I</b>	Ivory Color Change Kit for AE6MC Keypad
<b>A6KIT-A</b>	Almond Color Change Kit for AE6MC Keypad
<b>A6KIT-E</b>	Ebony (black) Color Change Kit for AE6MC Keypad

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