



### Components

#### Description

**1. MA-2150V2+/MA-4150V2+ 2-CH/4-CH Class D Amplifier**  
Engineered with state-of-the-art DSP settings, our amplifiers deliver unparalleled performance, ensuring crystal-clear sound reproduction and optimal control over audio dynamics.

**2. HG MIC2 Overhead Dual Capsule Microphone**  
Perfectly suited for speech reproduction, our overhead microphone boasts dual capsules for enhanced clarity and precision, capturing every nuance with exceptional fidelity. Whether addressing a crowded conference room or conducting a lecture in a classroom, this microphone ensures your voice is heard with utmost clarity.

**3. WP-660LW 6.5-inch 60W High Fidelity Speaker**  
Designed for versatility, our high-fidelity speaker caters to diverse audio needs. With superior sound quality and robust construction, this speaker delivers immersive audio experiences for both music and speech, making it an ideal choice for conferences, classrooms, and various professional settings.

**4. LA-100LW Ferrite Unit Array Acoustic Column Speaker**  
Designed for small and medium-sized video conference rooms, digital courts, conference centers, lecture halls, other language-based sound reinforcement systems, and background music systems for various architectural spaces such as churches, museums, transportation hubs, and public areas in squares. This model solves a typical problem that the column speaker of the is too large to put on the wall, and it also looks not beautiful and tidy.

Experience unparalleled audio performance and reliability with our All-in-One Conference & Classroom Amplification Kit. Elevate your presentations, lectures, and events with pristine sound quality and unparalleled clarity.

**Classroom Kit: DSP amplifier+Overhead microphone+ WP-660LW wall speaker\*2**  
**Conference Kit: DSP amplifier+Overhead microphone+ LA-100LW column speaker\*2**



#### Specifications

##### Wall Speaker WP-660LW

Rated Power	60W@8 ohm
SPL( 1W/1M)	89dB
Max SPL@ 1M	107dB
Freq. Response	60Hz-18KHz
Speakers	1" x1 (TREBLE) 6"x1(BASS)

##### Column Speaker LA-100LW

Rated power	120W@8ohm
Maximum SPL	123dB
Frequency response	150Hz~14kHz, -6dB/ 80Hz~20kHz, -10dB
Diffusion angle (-6dB)	vertical>20° , horizontal>120°
Speaker driver	4x3" Ferrite

##### Overhead Microphone HG MIC2

Directivity	Hyper cardioid
Impedance	200 Ω
Max. input SPL	141dB SPL, 1kHz at 1% T.H.D.
Voltage	48 V

**All-In-One Digital Amplifier with DSP**
**Description**

MA-2150V2+/MA-4150V2+ DSP Amplifier represents a breakthrough in audio technology, seamlessly integrating powerful amplification with advanced digital signal processing capabilities. With 16 built-in presets, each customizable to meet the specific requirements of users, this amplifier offers unparalleled flexibility and control over audio performance.

**Features:**

- ▶ **Flexible Configuration:** MA-2150V2+/MA-4150V2+ enables configuration and control of DSP hardware, empowering users to tailor settings to their exact specifications.
- ▶ **Versatile Presets:** Featuring 16 presets, meticulously crafted to cater to diverse audio environments, ensuring optimal performance in any scenario.
- ▶ **Comprehensive DSP Functionality:** As a fully functional DSP amplifier, it allows for the editing of processing modules, parameter adjustments, and peripheral accessory settings, including RS232, RS485, and drag-and-drop panel configuration.
- ▶ **User-Friendly Operation:** Featuring an intuitive drag-and-drop panel configuration, it ensures hassle-free operation, even for novice users.



Model	MA-2150V2+	MA-4150V2+
Output Power	2x150W@8Ω bridged 300W@8Ω	4x150W@8Ω bridged 300W@8Ω
Processor	ADI SHARC 21489	
Sample Rate/Quantization Bits	48K/24bit	
Input Gain	0/6/12/18/24/30/36/42/48dBu	
Phantom Power	+48V/10mA max	
Frequency Response	20~20KHz±0.5dB	
Maximum Level	+18dBu	
THD+N	<-95dB @17dBu	
Input/ Output Dynamic Range	113dB	
Channel Isolation @1kHz	108dB	
Input Impedance (balanced connection)	5.4KΩ	
Output Impedance (balanced connection)	600Ω	
Input Sensitivity Ratio	2V	
Frequency Response	20Hz-20kHz(±0.5dB)@1W,8Ω	
SNR	>80dB(20Hz-20kHz, A-weighted)	
Crosstalk Isolation	80dB@1kHz	
THD+N	< 0.08% from 0.1W to 1/2 power (typically <0.05%)	
DIM100	< 0.2% from 0.1W to 1/2 power (typically <0.05%)	
Input Impedance	4.5kΩ balanced	
Operating Power	AC220V 5Hz-60Hz	
Conversion Ratio	50V/μs@8Ω, input filter bypassed	
Damping Coefficient	>500@1KHz	
Product Size(W*D*H)	482 x 260 x 45mm	
Net Weight	6KG	