



Episode® 70V Commercial Mixamps



Perfect for light commercial applications, Episode 70V Mixer-Amplifiers are designed to meet all your background music and paging needs. With 7 inputs for microphones and line-level sources - plus Bluetooth on the 120D and 240D models for easy source integration by end users - these amplifiers are versatile and user-friendly. They also feature XLR microphone inputs with independent priority modes for seamless audio “ducking,” ensuring clear communication. The Class D amplification delivers pristine sound, even at high volumes, while conserving power.

More Efficient Class D Amplification for Better Sound

Enhanced Class D amplification conserves power while delivering cleaner sound quality, even at high volumes. Reduce wasted power without compromising performance.



70V and 4-Ohm to 16-Ohm Capable

This versatile amplifier supports 70V systems, as well as low-impedance, 4-ohm setups. With a robust power output of up to 240 watts, it effortlessly caters to large spaces and multiple speakers.

Multiple Inputs, Including Bluetooth

With up to 8 inputs, you can connect multiple microphones and analog sources for background music. Bluetooth capability allows for market-leading end user flexibility and ease of use. An integrated mixer blends microphones with any of the music audio sources.

70V Commercial Mixamp Specs

| | ECA-70MIXAMP-1-60D | ECA-70MIXAMP-1-120D | ECA-70MIXAMP-1-240D |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimension | 484mm × 295mm × 44mm | 484mm × 300mm × 44mm | 484mm × 300mm × 44mm |
| Weight | 4.3kg | 3.7kg | 3.8kg |
| Output Interface | 4-16Ω, 70V | 4-16Ω, 70V | 4-16Ω, 70V |
| RMS Power | 60W | 120W | 240W |
| Input Sensitivity & Impedance | MIC 1, 2, 3, 4 input: 5mV/600Ω balanced European terminal AUX 1, 2 input: 350mV/10KΩ unbalanced RCA connection terminal EMC input: 775mV/10KΩ unbalanced 6.3 connection terminal | MIC 1, 2, 3, 4 input: 5mV/600Ω unbalanced 6.3 connection terminal AUX 1, 2 input: 350mV/10KΩ unbalanced RCA connection terminal EMC input: 775mV/-10KΩ unbalanced 6.3 connection terminal | MIC 1, 2, 3, 4 input: 5mV/600Ω unbalanced 6.3 connection terminal AUX 1, 2 input: 350mV/10KΩ unbalanced RCA connection terminal EMC input: 775mV/-10KΩ unbalanced 6.3 connection terminal |
| Output Sensitivity & Source Impedance | MIX OUT: 1000mV/470Ω unbalanced RCA connection terminal | MIX OUT: 1000mV/470Ω unbalanced RCA connection terminal | MIX OUT: 1000mV/470Ω unbalanced RCA connection terminal |
| Tone | Bass: ±10dB at 100Hz Treble: ±10dB at 10KHz | Bass: ±10dB at 100Hz Treble: ±10dB at 10KHz | Bass: ±10dB at 100Hz Treble: ±10dB at 10KHz |
| Frequency Response | 80Hz~16KHz (+1dB, -3dB) | 50Hz ~16KHz (+ 1dB, -3dB) | 50Hz ~16KHz (+ 1dB, -3dB) |
| SNR | MIC 1, 2, 3: 66dB; AUX 1, 2:85dB | MIC 1, 2, 3: 66dB; AUX1, 2:85dB | MIC 1, 2, 3: 66dB; AUX 1, 2:85dB |
| THD | <0.05% (in 1KHz, 1/3 rated power) | <0.05% (at 1KHz, 1/3 rated power) | <0.05% (at 1KHz, 1/3 rated power) |
| Phantom Power | 48V (±2V) | 48V (±2V) | 48V (±2V) |
| Mute Function | MIC 1 is prior to MIC 2-4, AUX 1-2 audio input | MIC 1 is prior to MIC 2-4, AUX 1-2 audio input; EMC is prior to all audio inputs | MIC 1 is prior to MIC 2-4, AUX1-2 audio input; EMC is prior to all audio inputs |
| Channel Crosstalk Attenuation | ≥50dB | ≥50dB | ≥50dB |
| Heat Dissipation | Side-in and rear-out forced fan cooling; fan starts automatically when the device is turned on; infinitely variable speed | Side-in and rear-out forced fan cooling; fan starts automatically when the device is turned on; infinitely variable speed | Side-in and rear-out forced fan cooling; fan starts automatically when the device is turned on; infinitely variable speed |
| Protection | Overheat protection, overcurrent protection, short circuit protection | Overheat protection, overcurrent protection, short circuit protection | Overheat protection, overcurrent protection, short circuit protection |
| Power Supply | ~120V/60Hz | ~120V/60Hz | ~120V/60Hz |
| Power Consumption | 120W | 180W | 300W |