



Description

The product is a KTV pre-effects device with multiple audio processing functions such as echo effect, reverberation effect, equalizer, feedback suppression, limiter, compressor... Through the processing function of the pre-effects device, the singing voice is more pleasant, transparent, and natural, and its musical expression is enhanced; it is mainly suitable for KTV, dance halls and other scenes.

Feature

- *Adopt ADI DSP processor, built-in USB driver-free sound card and spectrum analysis function.
- *A sound system processor designed for KTV singing, DJ hot dance and other scenes; adopt ADI high-performance DSP processor, built-in USB driver-free sound card and spectrum analysis function.
- *The device can store 8 scene modes according to different usage scenarios, and the 3 physical buttons on the device panel can realize one-key switching of scene modes.
- *It has 4 microphone input interfaces, which can independently adjust 5 levels of input gain. The microphone input channel has expander (noise gate), compressor, and 8 levels of feedback suppression. MICA1-2 and MICB1-2 are respectively composed of two groups for unified management.
- *Each group of microphone inputs has a 20-band parametric equalizer, which can be adjusted independently according to needs. It also provides high-pass and low-pass filters and a variety of slope options, including microphone noise gate (expander) function, and independent volume control to meet different usage needs.
- *The microphone input has 20-band parametric EQ, the music input channel has 20-band parametric EQ, the reverb and echo have 5-band parametric EQ, and all output channels have 11-band parametric EQ.
- *The microphone input has a compressor function, which can control the dynamic range and channel volume balance to ensure the stability and clarity of the sound.
- *The microphone input has a built-in 8-speed feedback suppression function, and adopts professional anti-howling technology to effectively avoid howling and improve the user experience.
- *The music input supports 2 RCA, 1 USB and 1 optical fiber input, and supports -9 to 9dB music gain adjustment. Provide a variety of music input options, among which USB and optical fiber inputs have excellent anti-interference ability to prevent current sound interference.
- *The music input channel has a 20-band parametric equalizer, providing high-pass and low-pass filter adjustment and a variety of slope options.
- *The device supports the sound pitch shifting function of microphone and music input to increase the diversity and entertainment of the sound.
- *Microphone input, music input, echo effect, reverb effect, all output channels support high and low pass filter adjustment, and multiple slopes are optional.
- *Microphone and music input have -12~12 level sound pitch shifting function.
- *Echo effect has the function of adjusting pre-delay, delay time, repetition ratio, attenuation, right channel pre-delay, right channel delay, effect volume, and direct sound volume.
- *Reverb effect has the function of adjusting pre-delay, reverb time, attenuation, effect volume, and direct sound volume.
- *Output supports 5.1 channels, including 6 output channels of main output, center, rear and subwoofer; it has speaker processor function, and each part of the function is independently adjustable to meet different audio configuration requirements.
- *The main output, center output, rear output and subwoofer output all have 11-band parametric equalization, and the high and low pass can be adjusted arbitrarily, with multiple slopes optional.
- *The main output, center output, rear output and subwoofer output can all be set to singing, hot dancing or automatic mode to adapt to different entertainment scenes.
- *The main output, center output, subwoofer output and rear output all have limiters and 0 to 50ms delay functions.
- *Each mode can adjust the effect, volume, limiter, EQ and other parameters separately to achieve personalized sound settings.
- *The device has a network control function and can be integrated with the central control system to achieve remote management and operation.
- *The device has the function of unified management and online upgrade of multiple devices, which is convenient for maintenance and updating.
- *The display has a 2.0-inch color LCD screen, which can view the device status and parameter settings.
- *The device has KTV comprehensive management and control platform software, which can be connected to the PC through the network interface to manage the device in a unified manner, including displaying the online and offline status of the device, the device binding room number, the device audio switch, scene switching and other functions; it also has the function of detecting the device firmware version and supports online upgrade.
- *The equipment has KTV comprehensive management and control platform software, which can control KTV effectors, KTV wireless microphones, and KTV joystick microphones through a platform software, including product power display, low power automatic alarm, and equipment online and offline status, which is convenient for unified management of KTV equipment.



Specification

Powered supply	AC 90V--240V 50/60Hz
Maximum input level	4 Vrms
Maximum output level	4 Vrms
Music channel gain	Maximum 9dB
Microphone sensitivity	64mV(OUT 4V)
Microphone total harmonic distortion	<0.05%
Signal-to-noise ratio (A-weighted)	>80dB
Music input interface	Two analog, USB, optical
MIC input interface	4
Output interface	Main output, subwoofer, center, rear
Control method	Ethernet/Panel
Power consumption	12W
Operating temperature	-10 ~ 45 degrees Celsius
Working humidity	Relative humidity 0-80% non-condensing
Product size (L×H×D)	484 × 209 × 44 mm
Net weight	2.85Kg