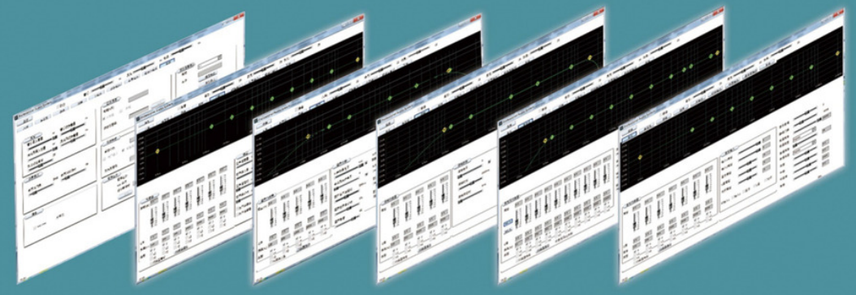
SUPPORT ANDROID/ PC SOFTWARE DEBUGGING





Download for Android: Kdsp audio



SOUND PROCESSING IS EFFORTLESS

PROFESSIONAL KARAOKE PROCESSOR

DIGITAL PRE-LEVEL EFFECTOR



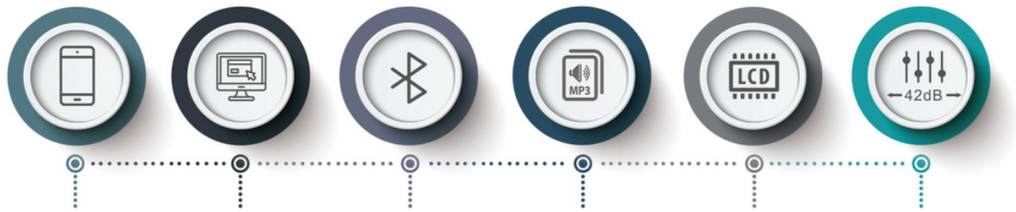
SP-1103 Support Android and computer software debugging

SP-1103 FRONT STAGE EFFECTOR



PRODUCT INTRODUCTION:

SP-1103 quality aluminum alloy panel, using 32-bit high-performance DSP and AD/DA, 24-bit, 48K sampling pure digital professional KTV front level effect. High-definition color screen in Chinese and English display, resolution up to 160/128, professional singing echo effect and reverberation effect, music tone change function, VOD song control port RS232, wireless infrared remote control function.



APPLICATION SCENARIOS:

Especially suitable for all kinds of stage performances, karaoke rooms, tour performances, or in schools, city halls, parks and other large and small performance occasions.

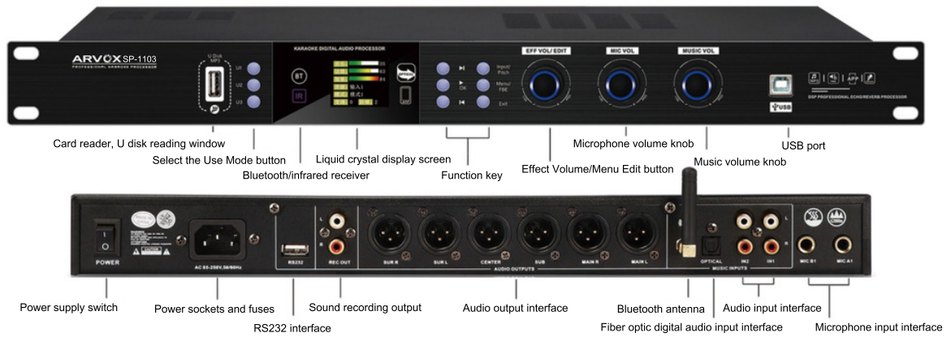

Stage performance


Karaoke room


School performance


Show in the Park

PANEL INTRODUCTION:



FUNCTIONAL FEATURES:

- Professional with 32-bit high performance DSP and AD/DA, 24-bit /48K sampling pure digital KTV pre-level effect device;
- LCD color high-resolution Chinese and English display;
- Dual-mode Bluetooth, which can play high-quality music and control Android and Apple apps;
- U disk music playback function, supporting MP3/WMA/WAV/FLAC/APE multiple formats;
- Optical fiber digital audio input;
- 4 groups of microphone input, group AB microphone, dual-channel independent 5-segment parameter balancing;
- Unique microphone feedback suppression algorithm, with 4 levels of intensity adjustable;
- Echo effect and reverberation effect of professional singing; Musical tone modulation function;
- Output channels can be independently output;
- Singing mode/hot dance mode/automatic mode;
- Manager, user and primary mode, password management;
- Password key lock function, initial and maximum volume value;
- 10 groups of user parameter storage and invocation;
- VOD song calling control interface RS232, wireless infrared remote control function;
- Driver-free USB interface connection, real-time control of all parameters through PC software;
- Switching power supply to achieve wide power supply operation (85-250W,50/60Hz)
- Energy saving, environmental protection, low power consumption

TECHNICAL PARAMETERS:
Frequency Range: MIC:20-200000Hz;MUSIC:20-20000Hz
Frequency Response:+/-1dB
SNR:>93dB
THD+N:<0.01%
Dynamic Range:ADC 105dB, DAC 105dB
Maximum Input Level:MIC:160mVrms/-15dBV;MUSIC:3.8Vrms/12dBV
Maximum Output Level:MIC:3.8Vrms/12dBV;MUSIC:3.8Vrms/12dBV
Noise Level: MIC:<-85dBu;MUSIC:<-90dBu
Input Interface:MIC: 4 channels wired microphone, divided into A/B group;
MUSIC: Lotus IN1/2, Optical, Coaxial, USB flash disk, Bluetooth
Output Interface: 6 Canon (XLR) 6-channel output, 1 stereo recording output
Parametric Equalization: Main output 7 segments, middle 7 segments, surround 7 segments, ultra low 5 segments
MIC: **Double 5 section parameter /7 section fixed frequency, 5 section reverberation, 5 section echo; MUSIC: Double 5-segment parameter / 7-segment fixed frequency**
Xover: Output 7 types 12/24dB high pass, low pass;
MIC: 3 types 12/18/24dB high and low pass; MUSIC:3 types 12/18/24dB High and low pass
Compressor: Output adjustable parameter limiter; MIC: adjustable parameter limiter; MUSIC: adjustable parameter limiter
FBX: The software has 4 built-in scream suppression
Power Consumption: 85—250V, 50/60HZ, 15W
(Measurement) Long x wide x high: 483x215x50mm
(Net weight): 3.1kg
(Gross weight): 3.8kg