

# NKP5 / NKP7

## Karaoke Digital Signal Processor



### Applications:

KTVs, small bars, conference rooms, multi-function halls etc.

### Characteristic:

- Adopt ADI 4th generation DSP chip-ADSP-21489 400MHz 32/40-bit floating point DSP; Using professional-grade 24-bit A/D and D/A conversion chips, ELNA electrolytic capacitors and other world-famous audio-specific devices, the sound is pleasant;
- 4 groups of optional music signal input, 2 groups of Analog, one group of optical fiber and coaxial, input gain is adjustable, and the analog input sensitivity is adjustable in two levels.  
The processing of the music channel includes: 20-band PEQ, 3-band dynamic EQ, independent setting of high and low Pass and main channel music High Pass, Noise Gate, Compressor, and Exciter.  
NKP7 model fiber and coaxial input support AC3/DTS 5.1 decoding (when set to decoding mode);
- 2 groups of 4 microphone inputs (front 2 and back 2), two independent input Gain control potentiometers on the front panel;
- The processing of the microphone channel includes: 25-band PEQ, high and low Pass, 5-level howling suppression, Noise Gate, Compressor, and Exciter;  
the processing of the effect channel includes: Reverb + Echo A + Echo B, each effect has 7 independent PEQ, and internal parameters can be flexibly set;
- 6 Line XLR balanced output, two sets of stereo recording and surround output, all outputs can be flexibly set microphone, effect and music ratio. The processing of the output channel includes: 10-band PEQ, high and low Pass, Compressor, Delay;  
The output channel can store three modes: Singing, Dancing and Decoding; It could be switched flexibly after setting;
- Provide USB and RS232 interface, reserve WIFI/Bluetooth control interface, can be connected to computer, provide remote control and infrared control;
- 21 presets, users could edit 16 sets of data, which can be easily imported and exported through PC software.

### Specifications:

Music input max Level:	4 Vrms
Music input sensitivity:	300 mV
Music channel THD+N:	< 0.008%
Max MIC input level:	400 mV
MIC input sensitivity	30mV
MIC channel THD+N:	< 0.02%
Max level of output channel:	4 Vrms
Power supply:	AC~220V / 50Hz
Dimension (W x D x H):	483 * 210 * 45 (mm)
Net weight:	3KG

