

# Digital Audio Processor 8x8



## DESCRIPTION

The NVS-70140008AP is a 8x8 digital audio processor with advanced DSP processing technology and has new algorithms for auto-mixing and feedback cancellation to solve practical problems in targeted application scenarios. The appearance is made simpler and clearer, because most of the controls are operated via software.

## FEATURES

- ⦿ DSP audio processing
- ⦿ USB Play & Recording
- ⦿ Support for mobile phone, tablet control and distributed cloud control
- ⦿ Full function matrix mixing function
- ⦿ Built-in automatic camera tracking function
- ⦿ Support for scene presetting function.
- ⦿ Automatic power failure protection memory function.
- ⦿ 1U all-aluminium chassis
- ⦿ Built-in automatic mixing console
- ⦿ Optional feedback elimination, echo cancellation and noise cancellation module
- ⦿ Inputs per channel: preamplifier, signal generator, expander, compressor, 5-band parametric equalization
- ⦿ Outputs per channel: 31-band graphic equalizer, delay, crossover, limiter

Specifications	
Model	NVS-70140008AP
USB	Support Play & Recording
Central Control Command Cet Generator	Support
Input Processing	Preamp, signal generator, expander, compressor, 5-band parametric equalization, auto gain, AM auto mix function, AFC adaptive feedback cancellation
Output Processing	Speaker management (31-band graphic equaliser, delay, crossover, limiter, high and low channel filters)
Matrix Mixing	Matrix mixing of input and output signals, mixing component control
Automatic Camera Tracking Function	Support
Scene Presets	100 group customized settings
Analogue Input Channels	8
Analogue Output Channels	8
Ethernet Control Port	1
RS232	1

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RS485	1
GPIO	8
Input Gain Amplification	-24~27dB, 3dB, Level 1 with 7 levels
Balanced/Unbalanced, Input/Output Support	Support
MIC/LINE, Input/Output Support	Support
Independent 48V Phantom Power Switch Per Channel	Support
Supported Processing Algorithms	AGC, AEC, ANC, AFC
Sampling	48KHz
Phantom Power	48V
Frequency Response	20 - 20 KHz, ±0.2dB
Total harmonic distortion + N	≤0.004% @4dBu
Operating Power Supply	AC110V/220V, 50Hz/60Hz
Background Noise	-90dBu
Dimension (W x D x H)	482x258x45mm

### ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-70140008AP	Digital Audio Processor 8×8	01