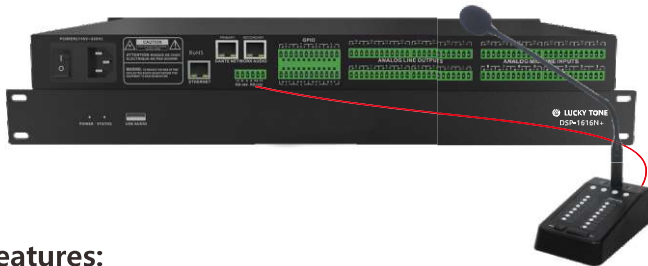


16 In 16 out DSP Audio Processor

Features:

- ▶ With industry-leading chip ADI SHARC 21489 , the working frequency can reach 450M Hz;
- ▶ Customizing operation software makes the configuration more flexible, and it can control Different DSP.
- ▶ Provides operation interface for customers to realize centralized control of multiple devices. And it can control third-party's equipment through DUP RS232, RS485;
- ▶ AFC (feedback suppression), AEC (echo cancellation), ANS (noise suppression), ANC (noise gain compensation), AGC (automatic gain), gain sharing, threshold automatic mixing, dodger and other processing modules;
- ▶ Each channel has independent adaptive feedback suppression, automatically find the feedback point, and automatically suppress;
- ▶ Full-featured matrix mixing, the input mixing level can be adjusted;
- ▶ There are 16 presets, each preset works independently;
- ▶ 8 GPIOs can independently configure with input or output, and they can be used as independent ADC when configuring with input;
- ▶ Support channel copy, LINK and group functions;
- ▶ Support RS232&UDP central control, UDP port can be set freely, and you can check the control software code;
- ▶ 2 types of wall panels are optional, and they are available to software programming.

DSP-1616M+(Simple version without Ducker and Camera control)

SPECIFICATIONS
DSP-1616N+/DSP-1616M+

Input Channels(analog)	16
Output Channels(analog)	16
Input	5/ 8/ 12 section PEQ (optional), AFC/AEC/ANS/AGC/Auto Mixer
Output	Frequency divider: 5, 8, 12 segment PEQ (optional); Delayer; Limiter
Input gain	0/10/20/30/40/43 dB
THD+N	0.003% @4dBu
Frequency response	20~20kHz ±0.2dB
Maximum level	+24dBu
Phantom power	+48V
Dynamic range (analog channel)	113dB
Dynamic range (Dante channel)	115dB
Self-Noise (A-Weighting-analog)	-89dBu
Self-Noise (A-Weighting-Dante)	-91 dBu
Common mode rejection ratio @60Hz	80dB
Channel isolation @1kHz	108dB
Input impedance (balanced connection)	9.4K Ω
Output impedance (balanced connection)	102 Ω
System delay	<6ms
Power supply	AC110~240V,50Hz/60Hz
Dimension	482 x 260 x 45mm
Weight	3kg