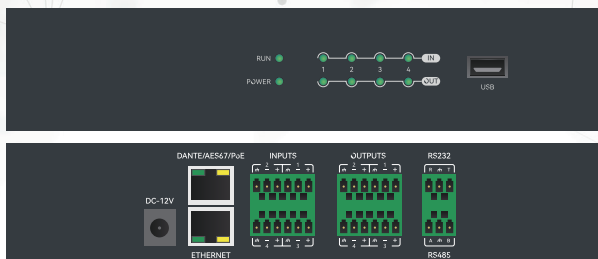
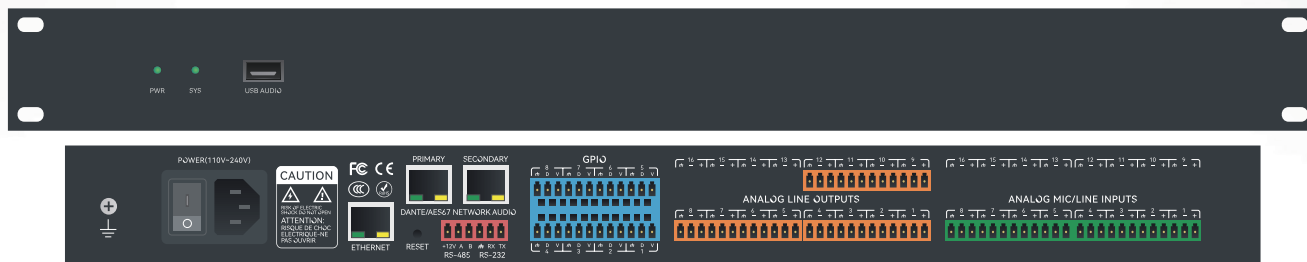




ALF-DSP44-U / ALF-DSP44-UD



ALF-DSP88-U / ALF-DSP88-UD



TECHNICAL SPECIFICATIONS

	ALF-DSP44-U	ALF-DSP44-UD	ALF-DSP88-U	ALF-DSP88-UD
I/O				
ANALOGUE	4-in / 4-out	4-in / 4-out	8-in / 8-out	8-in / 8-out
DIGITAL	-	4-in / 4-out	-	8-in / 8-out
USB	1-in / 1-out	1-in / 1-out	1-in / 1-out	1-in / 1-out
PROCESSING				
PROCESSOR	ADI SHARC 21489(x1)	ADI SHARC 21489(x2)	ADI SHARC 21489(x2)	ADI SHARC 21489(x2)
SAMPLING RATE/ DIGITIZING BIT	48KHz / 24bit	48KHz / 24bit	48KHz / 24bit	48KHz / 24bit
SYSTEM LATENCY	<3ms	<3ms	<3ms	<3ms
INPUT & OUTPUT SPECIFICATIONS				
INPUT GAIN	0 – 48dB in 6dB Steps	0 – 48dB in 6dB Steps	0 – 48dB in 3dB Steps	0 – 48dB in 3dB Steps
PHANTOM POWER	48V	48V	48V	48V
FREQUENCY RESPONSE (20-20KHz)	±0.5dB	±0.5dB	±0.3dB	±0.3dB
MAXIMUM LEVEL	+18dBu	+18dBu	+18dBu	+18dBu
THD + NOISE	0.003%	0.003%	0.003%	0.003%
ANALOGUE NOISE FLOOR	-94dB	-94dB	-94dB	-94dB
INPUT DYNAMIC RANGE	110dB	110dB	110dB	110dB
OUTPUT DYNAMIC RANGE	112dB	112dB	112dB	112dB
BACKGROUND NOISE (A-WEIGHTED)	-96 dBA	-96 dBA	-96 dBA	-96 dBA
CHANNEL ISOLATION @1KHz	-108 dB	-108 dB	-108 dB	-108 dB
INPUT IMPEDANCE	5.4KΩ	5.4KΩ	5.4KΩ	5.4KΩ
OUTPUT IMPEDANCE	600Ω	600Ω	600Ω	600Ω
AUDIO PROCESSING MODULES				
ACOUSTIC ECHO CANCELLATION (AEC)	Y (2-channels)	Y (2-channels)	Y (1-channel)	Y (1-channel)
AMBIENT NOISE COMPENSATION (ANC)	-	-	Y	Y
AUTO MIXER	Y	Y	Y	Y
AUTOMATIC GAIN CONTROL (AGC)	Y	Y	Y	Y
AUTOMATIC NOISE SUPPRESSION (ANS)	Y	Y	Y	Y
COMPRESSOR	Y	Y	Y	Y
DELAY	Y	Y	Y	Y
DUCKER	-	-	Y	Y
EXPANDER	Y	Y	Y	Y
FEEDBACK SUPPRESSOR	Y	Y	Y	Y
GRAPHIC EQUALIZER	-	-	Y	Y
HIGH/ LOW PASS FILTER	Y	Y	Y	Y
LIMITER	Y	Y	Y	Y
MATRIX	Y	Y	Y	Y
NOISE GATE	-	-	Y	Y
PARAMETRIC EQUALIZER	Y	Y	Y	Y
CAMERA CONTROL	-	-	Y	Y



CONTROL & INTERFACE OPTIONS

ETHERNET	1 LAN	1 LAN / 1 DANTE	1 LAN	1 LAN / 2 DANTE
SERIAL PORT	1 RS-232 / 1 RS-485	1 RS-232 / 1 RS-485	1 RS-232 / 1 RS-485	1 RS-232 / 1 RS-485
GPIO	-	-	8GPI / 8GPO	8GPI / 8GPO

MECHANICAL

POWER REQUIREMENTS	DC12V/PoE48V	DC12V/PoE48V	AC110~240V,50Hz/60Hz	AC110~240V,50Hz/60Hz
POE POWER REQUIREMENTS	POE	POE	Not Supported	Not Supported
MAXIMUM POWER CONSUMPTION	20W	20W	25W	25W
RACK SPACE	0.5U (Half Rack)	0.5U (Half Rack)	1U	1U
DIMENSIONS (W x D x H)	215 x 162x 44mm	215 x 162x 44mm	482 x 260 x 45mm	482 x 260 x 45mm
OPERATING TEMPRATURE	0 - 40°C	0 - 40°C	0 - 40°C	0 - 40°C
SHIPPING WEIGHT	2KG	2KG	4KG	4KG

SOFTWARE

A Windows PC with :

- Intel i5 processor or higher
- 8 GB or higher memory
- 1 GB free storage space
- Windows 7 or higher version
- Minimum 1920 x 1080 resolution
- 24 bit or higher color
- Network (Ethernet) port

Software Installation:

Visit the device web page address: **169.254.10.227**

1. Download software from the website below and install files.
2. Double click the downloaded file, and install by following the instructions on the screen.
After the software is installed, read other parts of the help file or execute the software.

After the software is installed, use one of the following methods to open the software:

1. Double Click Desktop Icon
2. Open From Start menu