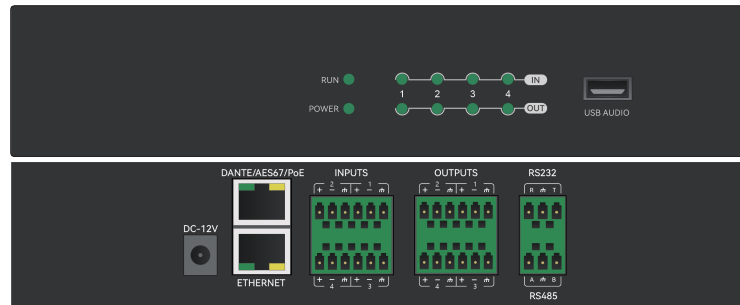


NLP44

4x4 Digital Audio Processor



Features

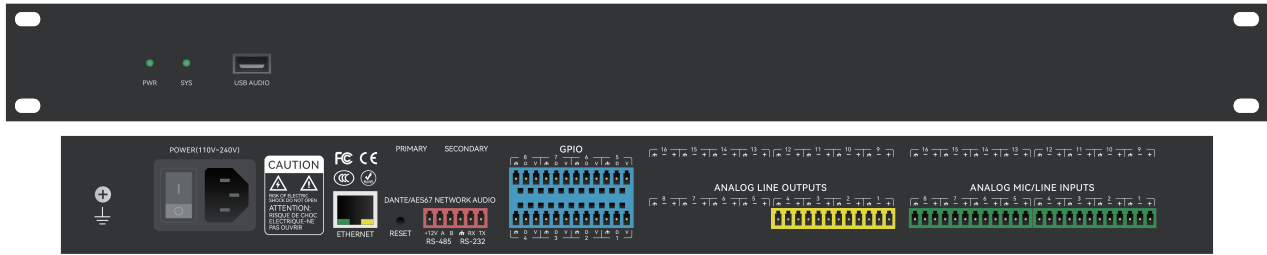
- ADI SHARC platform with semi-open architecture.
- Integrated management of multiple devices offers open user interface and supports good sound quality (at 24bit/48kHz.)
- Each channel has its own independent adaptive feedback suppression which can find and suppress audio feedback automatically.
- Full-duplex Adaptive Echo Cancellation (AEC) and Active Noise Cancellation (ANS).
- Gain sharing Auto Mixer Control (AMC).
- Automatic Gain Control (AGC).
- Full-featured audio mixing matrix supports adjustable input level.
- Provides up to 8 presets, each can work independently.
- Supports audio channel duplicating, linking, and grouping.
- Supports RS-232 and UDP central control.
- Provides the flexibility to assign UDP port number, with the control commands available through the control software.
- Works with 2 types of our wall panel products, both software programmable.
- Built-in dual channel USB sound card can be used for audio recording, audio broadcasting, and video conference.
- Supports both PoE power supply and DC 12V power adapter.
- Supports iOS and Windows operating system.

Specifications

Processor	ADI SHARC 21489	Input dynamic range	113dB
Sampling rate/quantization bits	48K/24bit	Output dynamic range	113dB
Number of analog input and output channels	4x4	Channel isolation @1kHz	108dB
		Input impedance (balanced connection)	5.4KΩ
Input gain	0/6/12/18/24/30/36/42/48dB	Output impedance (balanced connection)	600Ω
Phantom power	+48V/10mA max	System delay	<3ms
Frequency response	±0.3dB(20~20kHz)	Working power supply	DC 12V or PoE 48V
Maximum level	+18dBu	Dimensions (width x depth x height)	215x162x44mm
THD+N	<-95dB @17dBu	Shipping weight	2KG

NLP84

8x4 Digital Audio Processor



- NHS
- AEC
- ANS
- AGC
- ANC
- AM

Features

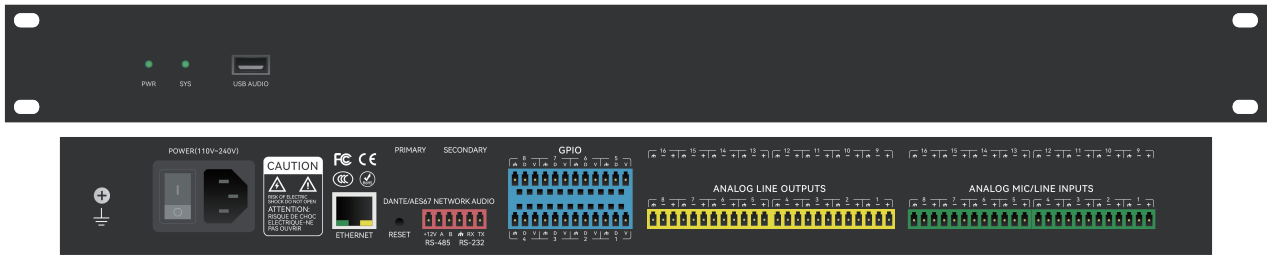
- ADI SHARC platform with semi-open architecture and ETHERNET support.
- Integrated management of multiple devices offers open user interface and supports good sound quality (at 24bit/48kHz.)
- Each channel has its own independent adaptive feedback suppression which can find and suppress audio feedback automatically.
- Full-duplex Adaptive Echo Cancellation (AEC) and Active Noise Cancellation (ANS).
- Gain sharing Auto Mixer Control (AMC).
- Automatic Gain Control (AGC).
- Audio Ducking (Ducker).
- Ambient Noise Compensator (ANC).
- Full-featured audio mixing matrix supports adjustable input level.
- Provides up to 8 presets, each can work independently.
- Supports audio channel duplicating, linking, and grouping.
- Supports RS-232 and UDP central control.
- Provides the flexibility to assign UDP port number, with the control commands available through the control software.
- Works with 2 types of our wall panel products, both software programmable.
- Built-in dual channel USB sound card can be used for audio recording, audio broadcasting, and video conference.
- Supports both PoE power supply and DC 12V power adapter.
- Supports iOS and Windows operating system.

Specifications

Processor	ADI SHARC 21489	Input dynamic range	113dB
Sampling rate/quantization bits	48K/24bit	Output dynamic range	113dB
Number of analog input and output channels	8x4	Channel isolation @1kHz	108dB
		Input impedance (balanced connection)	5.4KΩ
Input gain	0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu	Output impedance (balanced connection)	600Ω
		System delay	<3ms
Phantom power	+48V/10mA max	Working power supply	AC110~240V, 50Hz/60Hz
Frequency response	±0.3dB(20~20kHz)	Dimensions (width x depth x height)	482 x 260 x 45mm
Maximum level	+18dBu	Shipping weight	4KG
THD+N	<-95dB @17dBu		

NLP88

8x8 Digital Audio Processor



NHS
AEC
ANS
AGC
ANC
AM

Features

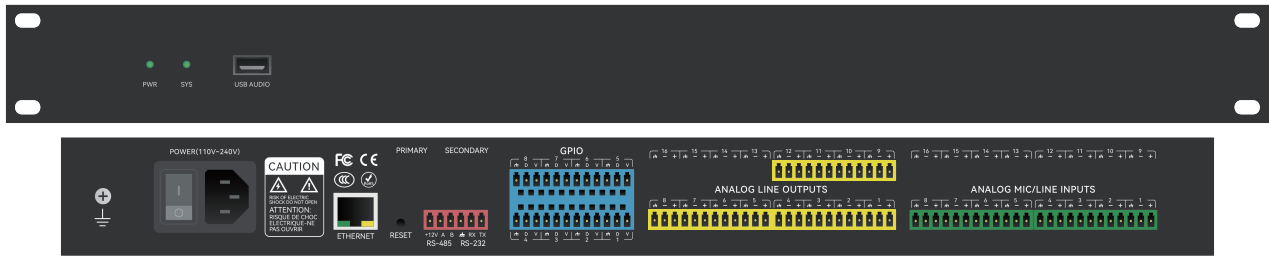
- ADI SHARC platform with semi-open architecture and ETHERNET support.
- Integrated management of multiple devices offers open user interface and supports good sound quality (at 24bit/48kHz.)
- Each channel has its own independent adaptive feedback suppression which can find and suppress audio feedback automatically.
- Full-duplex Adaptive Echo Cancellation (AEC) and Active Noise Cancellation (ANS).
- Gain sharing Auto Mixer Control (AMC).
- Automatic Gain Control (AGC).
- Audio Ducking (Ducker).
- Ambient Noise Compensator (ANC).
- Full-featured audio mixing matrix supports adjustable input level.
- Provides up to 8 presets, each can work independently.
- Supports audio channel duplicating, linking, and grouping.
- Supports RS-232 and UDP central control.
- Provides the flexibility to assign UDP port number, with the control commands available through the control software.
- Works with 2 types of our wall panel products, both software programmable.
- Built-in dual channel USB sound card can be used for audio recording, audio broadcasting, and video conference.
- Supports both PoE power supply and DC 12V power adapter.
- Supports iOS and Windows operating system.

Specifications

Processor	ADI SHARC 21489	Input dynamic range	113dB
Sampling rate/quantization bits	48K/24bit	Output dynamic range	113dB
Number of analog input and output channels	8x8	Channel isolation @1kHz	108dB
		Input impedance (balanced connection)	5.4KΩ
Input gain	0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu	Output impedance (balanced connection)	600Ω
		System delay	<3ms
Phantom power	+48V/10mA max	Working power supply	AC110~240V, 50Hz/60Hz
Frequency response	±0.3dB(20~20kHz)	Dimensions (width x depth x height)	482 x 260 x 45mm
Maximum level	+18dBu	Shipping weight	4KG
THD+N	<-95dB @17dBu		

NLP812

8x12 Digital Audio Processor (Dante)



NHS AEC ANS AGC ANC AM

Features

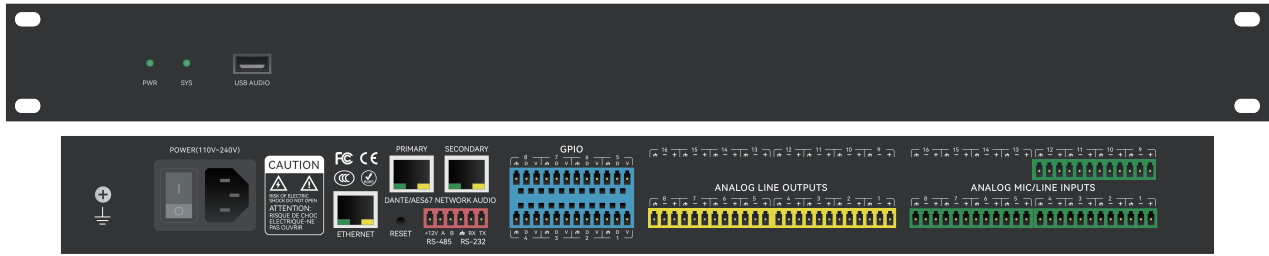
- ADI SHARC platform with semi-open architecture and ETHERNET support.
- Integrated management of multiple devices offers open user interface and supports good sound quality (at 24bit/48kHz.)
- Each channel has its own independent adaptive feedback suppression which can find and suppress audio feedback automatically.
- Full-duplex Adaptive Echo Cancellation (AEC) and Active Noise Cancellation (ANS).
- Gain sharing Auto Mixer Control (AMC).
- Automatic Gain Control (AGC).
- Audio Ducking (Ducker).
- Ambient Noise Compensator (ANC).
- Full-featured audio mixing matrix supports adjustable input level.
- Provides up to 8 presets, each can work independently.
- Supports audio channel duplicating, linking, and grouping.
- Supports RS-232 and UDP central control.
- Provides the flexibility to assign UDP port number, with the control commands available through the control software.
- Works with 2 types of our wall panel products, both software programmable.
- Built-in dual channel USB sound card can be used for audio recording, audio broadcasting, and video conference.
- Supports both PoE power supply and DC 12V power adapter.
- Supports iOS and Windows operating system.

Specifications

Processor	ADI SHARC 21489	Input dynamic range	113dB
Sampling rate/quantization bits	48K/24bit	Output dynamic range	113dB
Number of analog input and output channels	8x12	Channel isolation @1kHz	108dB
		Input impedance (balanced connection)	5.4KΩ
Input gain	0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu	Output impedance (balanced connection)	600Ω
		System delay	<3ms
Phantom power	+48V/10mA max	Working power supply	AC110~240V, 50Hz/60Hz
Frequency response	±0.3dB(20~20kHz)	Dimensions (width x depth x height)	482 x 260 x 45mm
Maximum level	+18dBu	Shipping weight	4KG
THD+N	<-95dB @17dBu		

NLP1208

12x8 Digital Audio Processor



NHS AEC ANS AGC ANC AM

Features

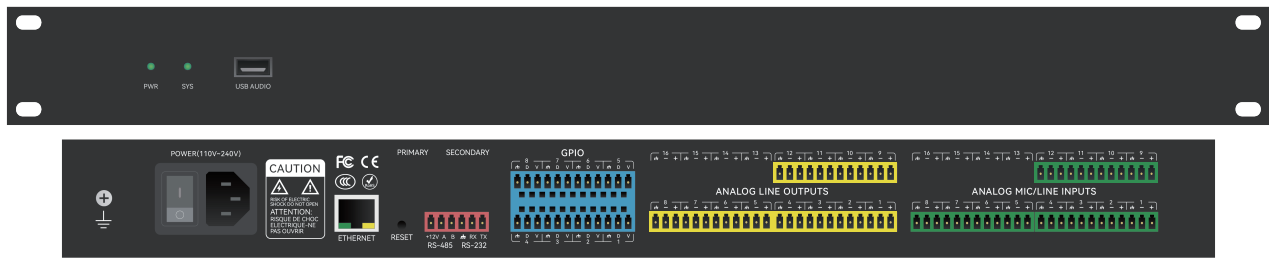
- ADI SHARC platform with semi-open architecture and ETHERNET support.
- Integrated management of multiple devices offers open user interface and supports good sound quality (at 24bit/48kHz.)
- Each channel has its own independent adaptive feedback suppression which can find and suppress audio feedback automatically.
- Full-duplex Adaptive Echo Cancellation (AEC) and Active Noise Cancellation (ANS).
- Gain sharing Auto Mixer Control (AMC).
- Automatic Gain Control (AGC).
- Audio Ducking (Ducker).
- Ambient Noise Compensator (ANC).
- Full-featured audio mixing matrix supports adjustable input level.
- Provides up to 8 presets, each can work independently.
- Supports audio channel duplicating, linking, and grouping.
- Supports RS-232 and UDP central control.
- Provides the flexibility to assign UDP port number, with the control commands available through the control software.
- Works with 2 types of our wall panel products, both software programmable.
- Built-in dual channel USB sound card can be used for audio recording, audio broadcasting, and video conference.
- Supports both PoE power supply and DC 12V power adapter.
- Supports iOS and Windows operating system.

Specifications

Processor	ADI SHARC 21489	Input dynamic range	113dB
Sampling rate/quantization bits	48K/24bit	Output dynamic range	113dB
Number of analog input and output channels	12x8	Channel isolation @1kHz	108dB
		Input impedance (balanced connection)	5.4KΩ
Input gain	0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu	Output impedance (balanced connection)	600Ω
		System delay	<3ms
Phantom power	+48V/10mA max	Working power supply	AC110~240V, 50Hz/60Hz
Frequency response	±0.3dB(20~20kHz)	Dimensions (width x depth x height)	482 x 260 x 45mm
Maximum level	+18dBu	Shipping weight	4KG
THD+N	<-95dB @17dBu		

NLP1212

12x12 Digital Audio Processor



NHS
AEC
ANS
AGC
ANC
AM

Features

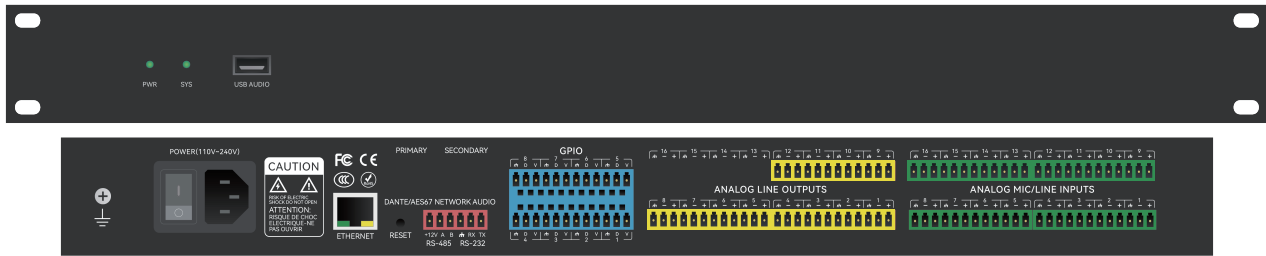
- ADI SHARC platform with semi-open architecture and ETHERNET support.
- Integrated management of multiple devices offers open user interface and supports good sound quality (at 24bit/48kHz.)
- Each channel has its own independent adaptive feedback suppression which can find and suppress audio feedback automatically.
- Full-duplex Adaptive Echo Cancellation (AEC) and Active Noise Cancellation (ANS).
- Gain sharing Auto Mixer Control (AMC).
- Automatic Gain Control (AGC).
- Audio Ducking (Ducker).
- Ambient Noise Compensator (ANC).
- Full-featured audio mixing matrix supports adjustable input level.
- Provides up to 8 presets, each can work independently.
- Supports audio channel duplicating, linking, and grouping.
- Supports RS-232 and UDP central control.
- Provides the flexibility to assign UDP port number, with the control commands available through the control software.
- Works with 2 types of our wall panel products, both software programmable.
- Built-in dual channel USB sound card can be used for audio recording, audio broadcasting, and video conference.
- Supports both PoE power supply and DC 12V power adapter.
- Supports iOS and Windows operating system.

Specifications

Processor	ADI SHARC 21489	Input dynamic range	113dB
Sampling rate/quantization bits	48K/24bit	Output dynamic range	113dB
Number of analog input and output channels	12x12	Channel isolation @1kHz	108dB
		Input impedance (balanced connection)	5.4KΩ
Input gain	0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu	Output impedance (balanced connection)	600Ω
		System delay	<3ms
Phantom power	+48V/10mA max	Working power supply	AC110~240V, 50Hz/60Hz
Frequency response	±0.3dB(20~20kHz)	Dimensions (width x depth x height)	482 x 260 x 45mm
Maximum level	+18dBu	Shipping weight	4KG
THD+N	<-95dB @17dBu		

NLP1608

16x8 Digital Audio Processor



Features

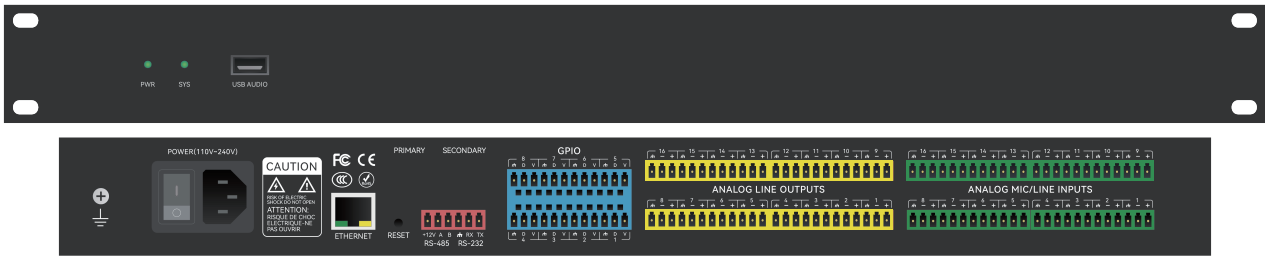
- ADI SHARC platform with semi-open architecture and ETHERNET support.
- Integrated management of multiple devices offers open user interface and supports good sound quality (at 24bit/48kHz.)
- Each channel has its own independent adaptive feedback suppression which can find and suppress audio feedback automatically.
- Full-duplex Adaptive Echo Cancellation (AEC) and Active Noise Cancellation (ANS).
- Gain sharing Auto Mixer Control (AMC).
- Automatic Gain Control (AGC).
- Audio Ducking (Ducker).
- Ambient Noise Compensator (ANC).
- Full-featured audio mixing matrix supports adjustable input level.
- Provides up to 8 presets, each can work independently.
- Supports audio channel duplicating, linking, and grouping.
- Supports RS-232 and UDP central control.
- Provides the flexibility to assign UDP port number, with the control commands available through the control software.
- Works with 2 types of our wall panel products, both software programmable.
- Built-in dual channel USB sound card can be used for audio recording, audio broadcasting, and video conference.
- Supports both PoE power supply and DC 12V power adapter.
- Supports iOS and Windows operating system.

Specifications

Processor	ADI SHARC 21489	Input dynamic range	113dB
Sampling rate/quantization bits	48K/24bit	Output dynamic range	113dB
Number of analog input and output channels	16x8	Channel isolation @1kHz	108dB
		Input impedance (balanced connection)	5.4KΩ
Input gain	0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu	Output impedance (balanced connection)	600Ω
		System delay	<3ms
Phantom power	+48V/10mA max	Working power supply	AC110~240V, 50Hz/60Hz
Frequency response	±0.3dB(20~20kHz)	Dimensions (width x depth x height)	482 x 260 x 45mm
Maximum level	+18dBu	Shipping weight	4KG
THD+N	<-95dB @17dBu		

NLP1616

16x16 Digital Audio Processor



NHS
AEC
ANS
AGC
ANC
AM

Features

- ADI SHARC platform with semi-open architecture and ETHERNET support.
- Integrated management of multiple devices offers open user interface and supports good sound quality (at 24bit/48kHz.)
- Each channel has its own independent adaptive feedback suppression which can find and suppress audio feedback automatically.
- Full-duplex Adaptive Echo Cancellation (AEC) and Active Noise Cancellation (ANS).
- Gain sharing Auto Mixer Control (AMC).
- Automatic Gain Control (AGC).
- Audio Ducking (Ducker).
- Ambient Noise Compensator (ANC).
- Full-featured audio mixing matrix supports adjustable input level.
- Provides up to 8 presets, each can work independently.
- Supports audio channel duplicating, linking, and grouping.
- Supports RS-232 and UDP central control.
- Provides the flexibility to assign UDP port number, with the control commands available through the control software.
- Works with 2 types of our wall panel products, both software programmable.
- Built-in dual channel USB sound card can be used for audio recording, audio broadcasting, and video conference.
- Supports both PoE power supply and DC 12V power adapter.
- Supports iOS and Windows operating system.

Specifications

Processor	ADI SHARC 21489	Input dynamic range	113dB
Sampling rate/quantization bits	48K/24bit	Output dynamic range	113dB
Number of analog input and output channels	16x16	Channel isolation @1kHz	108dB
		Input impedance (balanced connection)	5.4KΩ
Input gain	0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu	Output impedance (balanced connection)	600Ω
		System delay	<3ms
Phantom power	+48V/10mA max	Working power supply	AC110~240V, 50Hz/60Hz
Frequency response	±0.3dB(20~20kHz)	Dimensions (width x depth x height)	482 x 260 x 45mm
Maximum level	+18dBu	Shipping weight	4KG
THD+N	<-95dB @17dBu		