NP81

Network audio player for 16-channel deployments



Overview

Engineered for larger-scale deployments, the NP81 Network Audio Player bridges existing third-party amplifiers and speakers to Verkada Command, seamlessly modernizing current audio setups. Utilizing either a single PoE+ connection or a standard AC outlet for power, the device installs rapidly and minimizes the need to replace existing infrastructure. Its standard 1U form factor is purposefully designed to mount cleanly into existing IT equipment racks and server rooms.

Built to support complex, high-capacity environments, the NP81 features eight channels of line-level input alongside 16 channels of audio output. Once connected, administrators can easily orchestrate audio across facilities from a single centralized dashboard. Through Verkada Command, users can route instant announcements to specific zones and stream commercially licensed background music via Soundtrack, completely eliminating the need for standalone media players.

Key features

16-channel output

16 line out channels can be configured as individual mono feeds or up to eight stereo pairs.

Scalable input

Eight line in channels can be configured as individual mono feeds or up to four stereo pairs.

Rack-ready design

Installs directly into a 1U server rack space, with support for non-threaded, M5, and 10-32 threaded rack types.

Flexible audio I/O

Terminal block and RCA connections on every channel support both balanced and unbalanced amplifier and speaker setups.

NP81
Tech specs

Power and network

Power consumption	25W maximum	**Connectivity**	Ethernet: 100/1000Mbps RJ-45 for network connection
Power input	AC (recommended): 100-240VAC, 0.63-0.31A, 50/60Hz PoE+: 42-57VDC, 0.59-0.44A (802.3 at Class 4)		

Audio I/O

Line inputs	4x balanced terminal + 4x unbalanced RCA (8-channels total)	**Frequency range**	20 - 20,000 Hz (+/- 3dB)
Line outputs	16x balanced terminal + 16x unbalanced RCA (16-channels total)	**Signal-to-noise ratio**	100 dB
Line level	Nominal: +4 dBu (terminal blocks), -10 dBV (RCA) Max: +24 dBu (terminal blocks), +10 dBV (RCA)	**HDMI**	2x HDMI output, 8-channels (16-channels total)

Compliance and availability

Availability	US, CAN, UK, EU, AUS, NZ	**Compliance and safety**	See verkada.com/compliance

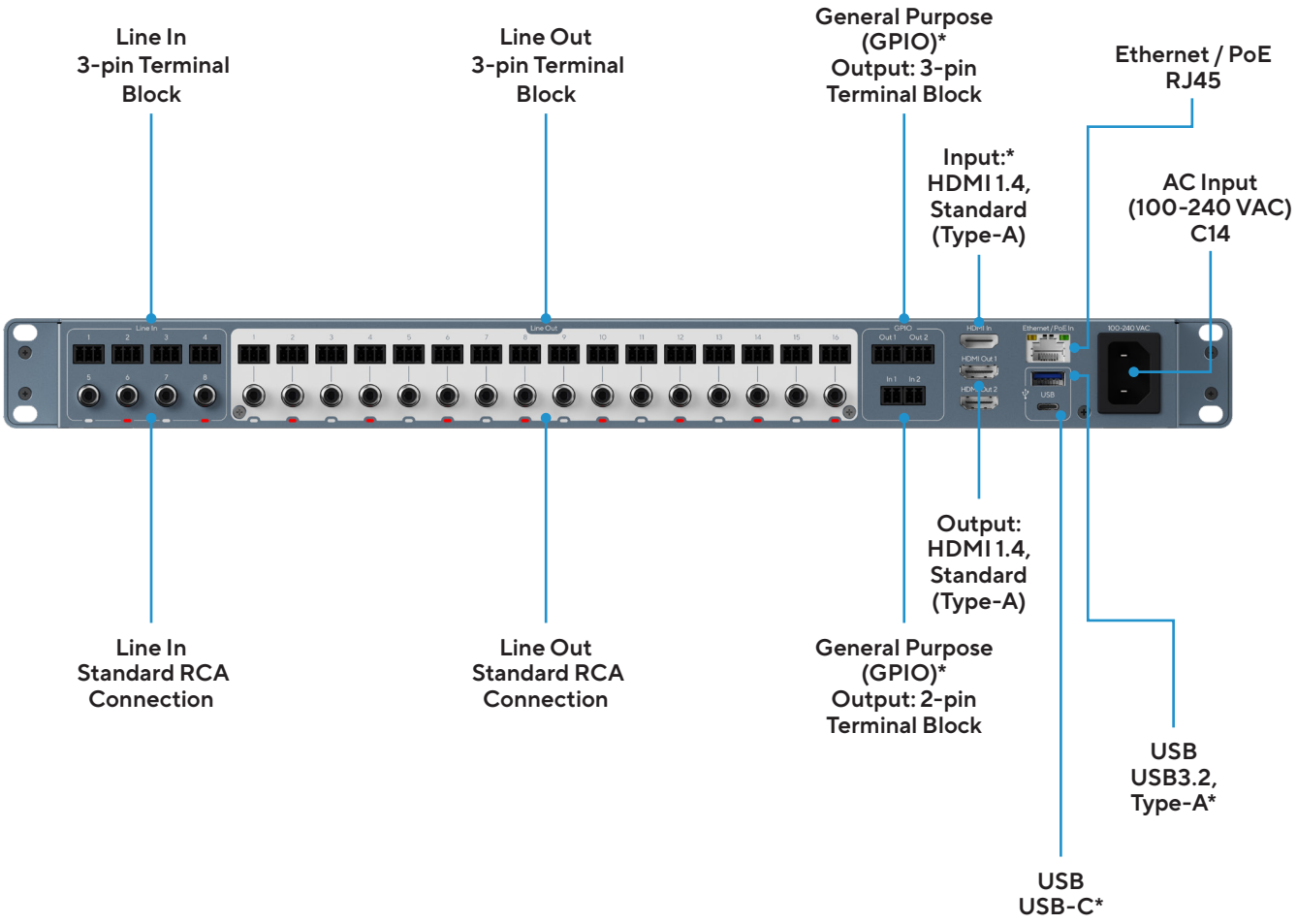
General

Dimensions	Height: 1.7 in / 43 mm Width: 19 in / 482 mm Depth: 12.2 in / 311.4 mm	**Operating temperature**	-10°C - 50°C 0-90% RH non-condensing
Weight	6.6lb / 3.0kg	**Included accessories**	AC cable, line in/out terminal blocks (20), GPIO terminal blocks, M5 rack mount screws, M5 cage nuts, 10-32 mount screws, flat washers
Mounting options	1U rack (non-threaded, M5 threaded, or 10-32 threaded)	**Warranty**	10 years
Separate accessories	ACC-NS-CBL-1, ACC-NS-CBL-2, ACCX-NS-AMP-1		

Orders will include a regionalized power cable in shipping box, based on shipping address.

NP81

Inputs and outputs



*Not currently supported

Ordering information

NP81 pricing

Model number	Description	US cost (MSRP) USD	WW cost (MSRP) USD
NP81-HW	16-Channel Network Audio Player	$2,999	$2,999

NP81 accessories pricing

Model number	Description	US cost (MSRP) USD	WW cost (MSRP) USD
ACC-NS-CBL-1	3-Pin Terminal Block to Male XLR Cable: 0.5m	$19	$19
ACC-NS-CBL-2	RCA to RCA Cable: 1m	$19	$19
ACCX-NS-AMP-1	Ashly 4-Channel Power Amplifier, Model FA 125.4	$1,399	$1,399

Ordering information

Sound Systems Network Audio Player software license pricing (new/capacity increase)

Model number	Description	US cost (MSRP) USD	WW cost (MSRP) USD
LIC-NP-2C-1Y-CAP	Verkada 1-Year Two-Channel Audio Player License for NP21, Capacity Increase	$199	$199
LIC-NP-2C-3Y-CAP	Verkada 3-Year Two-Channel Audio Player License for NP21, Capacity Increase	$599	$599
LIC-NP-2C-5Y-CAP	Verkada 5-Year Two-Channel Audio Player License for NP21, Capacity Increase	$999	$999
LIC-NP-2C-10Y-CAP	Verkada 10-Year Two-Channel Audio Player License for NP21, Capacity Increase	$1,999	$1,999
LIC-NP-16C-1Y-CAP	Verkada 1-Year 16-Channel Audio Player License for NP81, Capacity Increase	$799	$799
LIC-NP-16C-3Y-CAP	Verkada 3-Year 16-Channel Audio Player License for NP81, Capacity Increase	$2,399	$2,399
LIC-NP-16C-5Y-CAP	Verkada 5-Year 16-Channel Audio Player License for NP81, Capacity Increase	$3,999	$3,999
LIC-NP-16C-10Y-CAP	Verkada 10-Year 16-Channel Audio Player License for NP81, Capacity Increase	$7,999	$7,999

Sound Systems Network Audio Player software license pricing (renewal)

Model number	Description	US cost (MSRP) USD	WW cost (MSRP) USD
LIC-NP-2C-1Y-RNW	Verkada 1-Year Two-Channel Audio Player License for NP21, Renewal	$199	$199
LIC-NP-2C-3Y-RNW	Verkada 3-Year Two-Channel Audio Player License for NP21, Renewal	$599	$599
LIC-NP-2C-5Y-RNW	Verkada 5-Year Two-Channel Audio Player License for NP21, Renewal	$999	$999
LIC-NP-2C-10Y-RNW	Verkada 10-Year Two-Channel Audio Player License for NP21, Renewal	$1,999	$1,999
LIC-NP-16C-1Y-RNW	Verkada 1-Year 16-Channel Audio Player License for NP81, Renewal	$799	$799
LIC-NP-16C-3Y-RNW	Verkada 3-Year 16-Channel Audio Player License for NP81, Renewal	$2,399	$2,399
LIC-NP-16C-5Y-RNW	Verkada 5-Year 16-Channel Audio Player License for NP81, Renewal	$3,999	$3,999
LIC-NP-16C-10Y-RNW	Verkada 10-Year 16-Channel Audio Player License for NP81, Renewal	$7,999	$7,999

Ordering information

Soundtrack software license pricing (new/capacity increase)

Model number	Description	US cost (MSRP) USD	WW cost (MSRP) USD
LIC-NM-ST1-1Y-CAP	1-Year Commercially Licensed Music Streaming – Soundtrack Unlimited with Hi-Fi, Capacity Increase	$829	$829
LIC-NM-ST1-3Y-CAP	3-Year Commercially Licensed Music Streaming - Soundtrack Unlimited with Hi-Fi, Capacity Increase	$2,489	$2,489
LIC-NM-ST1-5Y-CAP	5-Year Commercially Licensed Music Streaming - Soundtrack Unlimited with Hi-Fi, Capacity Increase	$4,149	$4,149

Soundtrack software license pricing license pricing (renewal)

Model number	Description	US cost (MSRP) USD	WW cost (MSRP) USD
LIC-NM-ST1-1Y-RNW	1-Year Commercially Licensed Music Streaming - Soundtrack Unlimited with Hi-Fi, Renewal	$829	$829
LIC-NM-ST1-3Y-RNW	3-Year Commercially Licensed Music Streaming - Soundtrack Unlimited with Hi-Fi, Renewal	$2,489	$2,489
LIC-NM-ST1-5Y-RNW	5-Year Commercially Licensed Music Streaming - Soundtrack Unlimited with Hi-Fi, Renewal	$4,149	$4,149

Ordering information

Desk Station software license pricing (new/capacity increase)*

Model number	Description	US cost (MSRP) USD	WW cost (MSRP) USD
LIC-TX-1Y-CAP	1-Year Desk Station License, Capacity Increase	$249	$249
LIC-TX-3Y-CAP	3-Year Desk Station License, Capacity Increase	$749	$749
LIC-TX-5Y-CAP	5-Year Desk Station License, Capacity Increase	$1,249	$1,249
LIC-TX-10Y-CAP	10-Year Desk Station License, Capacity Increase	$2,499	$2,499

Desk Station software license pricing (renewal)

Model number	Description	US cost (MSRP) USD	WW cost (MSRP) USD
LIC-TX-1Y-RNW	1-Year Desk Station License, Renewal	$249	$249
LIC-TX-3Y-RNW	3-Year Desk Station License, Renewal	$749	$749
LIC-TX-5Y-RNW	5-Year Desk Station License, Renewal	$1,249	$1,249
LIC-TX-10Y-RNW	10-Year Desk Station License, Renewal	$2,499	$2,499

Desk Station accessories pricing

Model number	Description	US cost (MSRP) USD	WW cost (MSRP) USD
ACCX-TBL-STD-1	Stouchi Tablet Stand	$39	$39
ACCX-TBL-3	Apple 11-inch iPad, 128GB	$449	$449

*no incremental cost to manage Sound Systems on top of Intercom