

IPA300-LINK AUDIO OVER IP LINK



PRODUCT DESCRIPTION

The IPA300-Link is a fast and reliable solution to stream audio in full-duplex PCM and half-duplex MP3 from a broadcast studio to a transmitter device in another physical location.

RTP over UDP protocol guarantees low latency and strong reliability of the audio stream.

The application can stream to unicast or multicast destinations [up to eight].

Several administration tools like keep alive handshake, contact closure tunneling, SNMP traps, Serial gateway, multicast and DNS are supported.

The IPA300-Link is a very powerful and flexible tool for a professional radio distribution.

MAIN CHARACTERISTICS:

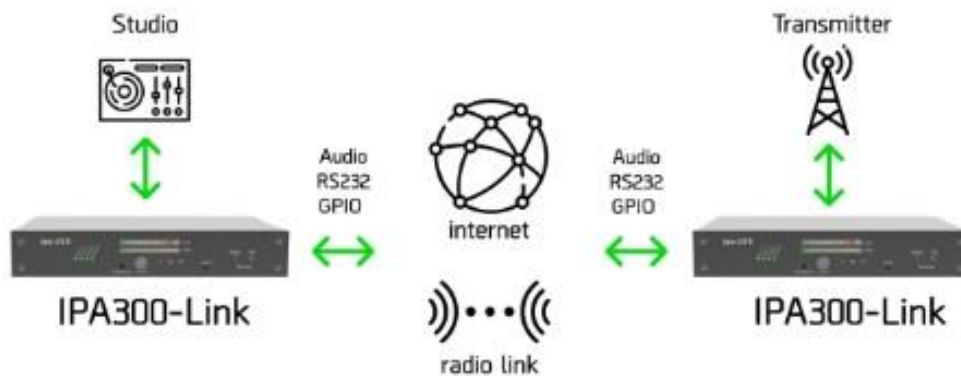
- Full duplex/bidirectional Audio Connection
- Connection via LAN
- Web Server Configuration
- High Quality Audio
- Balanced Audio Input with Zin selection
- Balanced Audio Output
- P2P/P2MP Configuration
- RS232 Serial Port tunnelling
- GPI/O remate tunnelling

APPLICATIONS

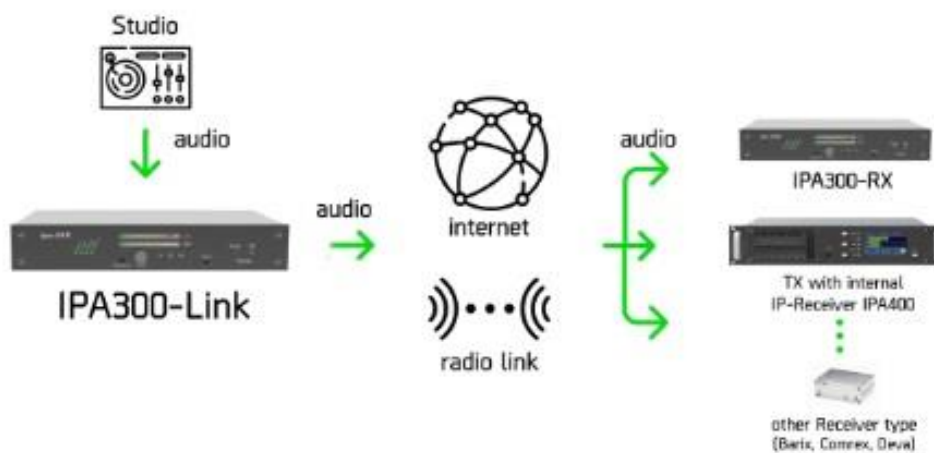
- Bidirectional Links
- Point to Point Connection
- Point to Multipoint Connections [up to 8]
- Audio Over Ip Distribution [up to 8 destinations]

EXAMPLE OF USE

IPA300-Link IP Point To Point Connection



IPA300-Link IP Multicast Connection



TECHNICAL SPECIFICATIONS

AUDIO INPUTS	Connector type	XLR Female
	Balanced Input	600/10 kOhm input Impedance
	Clipping Level	+ 18dBu
	Frequency Response (-3dB)	± 0.1dB [20Hz ... 20kHz]@44.1 kHz sample rate
	Signal to Noise Ratio [SNR]	≤ -70dB
	Stereo Crosstalk	≤ -50dB
	Total Harmonic Distortion (THD)@-3dBfs	≤ 0.05%
	Input Level Software	Adjustable from Web Page from -3dB to+ 19.5dB step: 1.5dB
AUDIO OUTPUTS	Connector type	XLR Male
	Balanced Output	15 kOhm
	Output Level	Adjustable from Web Page from 0 to 100%
	Full Scale Output Voltage	+ 12dBu, 8 Vpp
	Frequency Response (-3dB)	±0.1 dB [20 Hz ... 20 KHz]@ 48kHz sample rate
	Signal to Noise Ratio [SNR]	≤ -70dB
	Stereo Crosstalk	≤ -60dB
	Total Harmonic Distortion (THD)@-3dBfs	≤ 0.03%
RS-232 INTERFACE	Connector	DB9 Female
	Type &Speed	Asynchronous - 300~230.400 Baud
	Purpose	RS-232 Remate Tunneling
DIGITAL I/O	Number of inputs	2-Optoisolated
	Number of Outputs	2-Relay Contact
	Connector type	DB9 Female
	Interface	10/100Mbps auto
ETHERNET	Connector type	RJ45 with Link & Activity LEDs
	Protocols	TCP/IP, UDP, RTP, DHCP
MISCELLANEOUS	Headphone	Stereo Jack 3.5mm
	Audio-meter	Stereo V-meter 10 LEDs
	Level	Adjustable from volume knob
	Voltage	90~240Vac ± 20%
ELECTRICAL	Current	100 mA max.
	Connector type	IEC-C13/C14
	Fuse	500mA delayed
MECHANICAL	Material	Aluminum
	Weight	600gr
	Dimensions (LxDxH)	260x160x44 mm [1U]
	Rack Mount Kit	Available

