



### iPX5155

Single Ch IP Paging & BGM Client

### iPX5455

4 Ch IP Paging & BGM Client



**iPX5155** and **iPX5455** are BGM and Paging clients (Ethernet Audio Extractors) for Amperes IP PA systems. They receive BGM and Paging audio from PMX software, iPD paging mic or iPX5200 and deliver balanced audio output to amplifiers with RS485 data to zone decoders for zone selection, while prioritize paging over BGM.

iPX5155 is a single-channel unit with audio transmit capability, while iPX5455 offers four independent channels with unique IP address in a compact 1U rack design for larger systems.



### iPX5500

IP RS485 Data Communication Box

**iPX5500** is a LAN-to-RS485 interface that converts RS485 data to IP for remote monitoring and control via PMX software.

It supports up to 16 RS485 devices, including Amperes and third-party equipment such as QP2000 amplifiers, LS4808/4816 line monitoring, AX3800 amplifier fault changeover and BC9740 chargers, allowing easy integration into networked PA systems.

## Technical Specifications

	iPX5455	iPX5155	iPX5500
Operating voltage	24V DC		
Current consumption	240mA (6W)	60mA (1.5W)	100mA
Channels	4 channels (independent)	1 channel	16 RS485 nodes (max)
LAN interface	RS485, 19.2 kbps, 10/100 Base-T		
Protocols	TCP/IP, UDP, IGMP, HTTP, ADMP		
Broadcast mode	Unicast & Multicast		Multicast
Analogue In/Out (peak-to-peak)	1.25V rms (+4 dBu)		
Input impedance	300 Ohm		
Input capacitance	100 pF		
THD + Noise	<1% (0.1%)		
Audio format	IMA ADPCM / MP3 (max 320 kbps) / WAV		
S/N ratio	83 dB		
Paging encoding	G.722		
User interface	Web browser interface (Google Chrome V90+ recommended)		
Operating temp. & humidity	-20°C to 80°C   <70%		
Dimensions (W x H x D)	482 x 44 x 180 mm	120 x 28 x 132 mm	
Net weight	2.35 kg	300g (excluding adapter)	

## Packing Information

### iPX5155 / iPX5500

**Carton size**  
155 (L) x 105 (W) x 125 (H) mm

**Gross weight**  
1.0 kg (including adapter)

**Qty/carton**  
1 unit per carton for each model

### iPX5455

**Carton size**  
555 (L) x 295 (W) x 95 (H) mm

**Gross weight**  
3.10 kg

**Qty/carton**  
1 unit per carton

