

## Introduction

Introducing another product for the convenience of installation when it is required to send audio / data from a distance away. iPX5400 is a transceiver unit, which is able to operate in duplex mode ( paging ), works in pair in LAN environment or connected directly via UTP cable or Fiber through a converter. It is a simple device allowing peer to peer communication without the need to employ full IP solutions in your system.

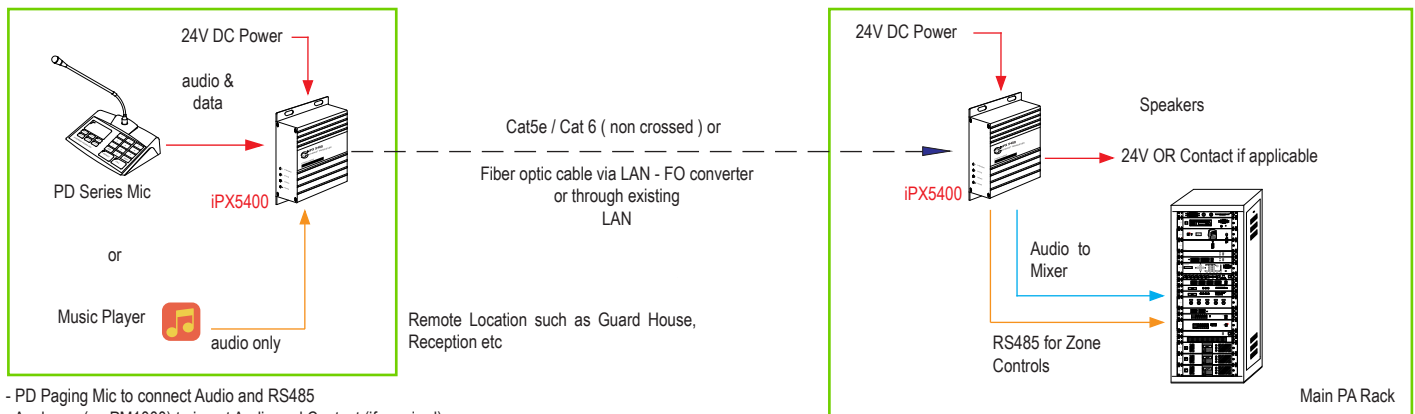
## Features

- ▶ Low latency audio and data transceiver
- ▶ RS485 and voice at full duplex ; music audio at simplex
- ▶ IP Paging server / network switch not required
- ▶ Supports automatic link crossover
- ▶ Setup via browser, control able via PMX software
- ▶ Supports 3 modes ;
  - Always On
  - On on remote trigger or through API
  - On on paging data ( transmits during paging, siren activation )



## Application Schematic

### Application Example : Peer to Peer Direct Connectivity



- PD Paging Mic to connect Audio and RS485
- Analogue (eg PM1000) to insert Audio and Contact (if required)
- Music player to insert audio signal only and set to continuous streaming

## Technical Specifications

Power requirement :	
Voltage	12 - 24V DC (Normal DC 24V)
Current	<100 mA

Connectivity :	
- LAN interface	RJ-45, 10/100T Base
- Protocols	TCP/IP, UDP, IGMP, HTTP
- Priority protocols	UDMP, ADP

Audio :	
- Analogue in/out (peak-to-peak)	1.25V (line)
- Total harmonic distortion (THD)	0.1%
- S/N ratio (full scale signal)	83 dB
- Conversion format	WAV PCM 48KHz 16 Bit ( Bidirectional & Half Duplex )
- Data	UART RS485 ( Bidirectional & Full Duplex )

User interface	IE Ver 9 and above, Firefox, Google Chrome (preferred)
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Case :	
Dimension (WxHxD)	100 x 147 x 40 mm
Weight	320 g

Rear View

