iFS4020

IP POE FULL RANGE SPEAKER

4" 20W PoE+ Active Speaker

NEW

PoE

FULL RANGE

WEATHERPROOF

MULTIPURPOSE

iFS4020 is newly built IP full range speaker with power rating of 20W. It is suitable for decentralised setup for Amperes IP Network PA such as schools, offices, gyms, parks etc. It shall be able to integrate with existing network easily and works seamlessly with iPX5200 music server as well as PMX software, for both music and paging broadcast.

It is powered through network cable and is supplied with water resistance network plug, thus ensuring good network connectivity for long period of time. With sound amplification directly from amplifier without matching transformer, it shall deliver a better sound and can be easily managed remotely.

Features

▶ IP POE full range speaker with 20W 4" driver and 1" tweeter

▶ Built in Class D power amplifier

▶ Web based interface for remote configuration and audio control

▶ Works seamlessly with Amperes iPX environment

▶ BGM muting for paging bypass

▶ Weatherproof network connector

Technical Specifications

SPEAKER

SPEAKER	
Power rating	20W
Power source	PoE+ (IEEE802.3 af : 48V)
Standby current / power consumption	0.5W
Operating current / power consumption	Maximum power 15W
Amplifier rating	20W 4 Ohm
Diameter	4" (100 mm)
Speaker type	2 way speaker with tweeter
Sensitivity	87dB at 1W, 1m (500 Hz - 20 kHz, peak)
Freq response @ 1kHz +/- 3dB	105 - 18 kHz
SPL @ 1W / m (+/- 3dB) 1 kHz	87 dB
S/N ratio	> 65 dB

CONNECTIVITY

CONNECTIVITY	
Audio codec	IMA ADPCM / MP3 / WAV
Network	100Base TX; RJ45
Network protocol	TCP/IP, UDP, IGMP, HTTP, UDMP, ADP
User interface	Web browser : Google Chrome, IE V8 +
Firmware upgrade	Via web browser
Priority controls	Paging over BGM

OPERATING CONDITION

OPERATING CONDITION	
Temperature	0 - 70C
Humidity	0 - 70%

PHYSICAL

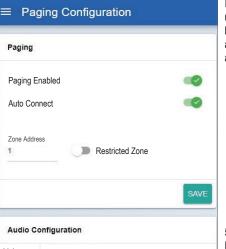| PHYSICAL	
Housing	ABS enclosure with metal grille
Overall size w bracket (W x H x D)	165 x 270 x 170 mm
Weight	1.95 kg
Colour	Black
Accessories	Wall bracket included

Web Browser Interface

Paging Configuration

Paging

Paging Enabled

Auto Connect

Zone Address
1   Restricted Zone

SAVE

Audio Configuration

Volume   5 Band Equalizer

80%   0dB   0dB   0dB   0dB   0dB

100Hz 250Hz 1kHz 4kHz 10kHz

SAVE

It can be configured to receive or disable paging broadcast, and each speaker assignable with a zone address.

5 band EQ is available for Paging and Music delivery and accessible remotely for parameter adjustments.