



IFS4020

20 W IP PoE Full Range



ICS6020

20W IP PoE Co-axial Ceiling



IHS8020

20W IP PoE Horn Speaker



IPS8020

20W IP PoE Pendant

IP Speakers provide a convenient way to place your speakers in whatever place there is a need for either BGM or paging purpose in IP PA Setup. Home run cabling shall not be required, thus a great savings in wiring works, provided that a network port is available in the vicinity.

Amperes IP speakers are available in 4 versions, being full range box, ceiling, pendant ball and horn. They are all powered from PoE network switch.

All the IP versions are PoE powered and amplified by Class D amplifiers. They work seamlessly with Amperes iPX environment, receiving audio from PMX Software or through iPX5200 while paging audio is broadcasted via iPD or iEP paging microphones as well as PMX Software.

Technical Specifications

| | IFS4020 | ICS6020 | IPS8020 | IHS8020 |
|---------------------------------------|---|-------------------------|-------------------------|--------------------|
| Power rating | 20 W | | | |
| Power source | PoE+ (IEEE802.3 af : 48V) | | | |
| Standby power consumptions | 0.5W | | | |
| Operating power consumptions | 15W Max | | | |
| Amplifier rating | 20W 4 Ohm | | | |
| Speaker type | 2 way : 4" + 1" tweeter | 2 way : 6" + 1" tweeter | 2 way : 8" + 1" tweeter | Compression coil |
| Speaker drive diameter | 4" (100 mm) | 6.5" (165 mm) | 8" (200 mm) | 2" (50 mm) |
| Sensitivity @ 1 kHz / w / m | 87 dB | 90 dB | 110 dB | 92 dB |
| Frequency response @ 1 kHz +/- 3dB | 105 - 18 kHz | 115 - 19 kHz | 90 - 18 kHz | 200 - 8 kHz |
| S/N ratio | 85 dB | | | |
| Audio codec | IMA ADPCM / MP3 / WAV | | | |
| Network & Protocols | 100 Base T / TCP / IP, UDP, IGMP, HTTP, ADMP, ADP | | | |
| User interface incl. firmware upgrade | Via web browser ; Google Chrome V90+ preferred | | | |
| Priority controls | Paging over BGM | | | |
| Operating temperature / humidity | 0 -60°C / 70% | | | |
| Housing | ABS / Aluminium | ABS / Metal | ABS | |
| Dimensions (W X H x D) | 165 x 270 x 170 mm | 250 diameter x 142 H | 254 diameter | 293 x 212 x 290 mm |
| Weight | 1.95 kg | 1.85 kg | 1.90 kg | 1.80 kg |
| Colour | Black | | White | |

Packing Information

IFS4020 :

Carton size : 175 (L) x 175 (W) x 285 (H) mm
Gross weight : 2.05 kg
1 unit per carton

IHS8020 :

Carton size : 220 (L) x 290 (W) x 290 (H) mm
Gross weight : 1.90 kg
1 unit per carton

ICS6020 :

Carton size : 270 (L) x 270 (W) x 175 (H) mm
Gross weight : 2.15 kg
1 unit per carton

IPS8020 :

Carton size : 320 (L) x 320 (W) x 305 (H) mm
Gross weight : 3.05 kg
1 unit per carton

