



### ELECTRICAL

|   |                    |
|---|--------------------|
| Rated power, watts (24 VDC, 1.8A external power supply) | 20W                |
| Rated power, watts (POE+, IEEE802.3af, class 3)         | 20W                |
| Driver impedance, ohms                                  | 8                  |
| Effective frequency range, Hz                           | 60 ~ 20,000 ± 6 dB |
| Directivity Q factor @ 2 kHz                            | 6.9                |
| S.P.L. @ 1m, 1 watt, dB                                 | 96                 |
| Dispersion at 2 kHz (6 dB down), degrees                | 100°               |

### ENVIRONMENTAL

|                      |            |
|----------------------|------------|
| Max/min ambient temp | 70°C/-25°C |
| Relative humidity    | ≤ 95 %     |

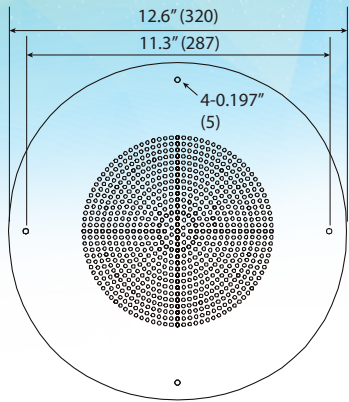
### MECHANICAL

|                                |  |
|--------------------------------|--|
| Cone speaker size              | 8" (203 mm), twin-cone                                       |
| Cone material                  | Paper  |
| Dimension, mm (inch)           | 321 x 80 (12.6 x 3.15)                                       |
| Net weight, kgs (lbs)          | 1.17 (2.58)  |
| Magnet weight                  | 10 oz  |
| Colour (unless specified)      | RAL 7035   |
| Baffle Material                | Steel  |
| Mounting accessories           | 4 ea. 1-1/2 phillips-head screws                             |
| Finish                         | Non-reflective white powder-coated epoxy paint               |
| Suggested mounting accessories | BBX8B steel backbox, BRG8 tile bridge, MBK8 mounting bracket |

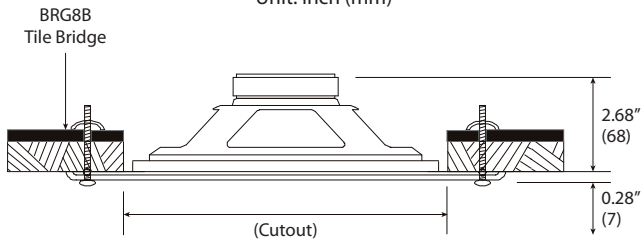
### FEATURES

|  |
|--|
| Configured, controlled, managed and monitored via web browser    |
| Optional microphone input for hands-free duplex intercom         |
| 3 control inputs and 1 contact output                            |
| Network audio codec: G.711, G.722, WAV, MP3                      |
| USB interface for music and message playing and storage          |
| Part of the TERRACOM family, can be integrated with TerraManager |

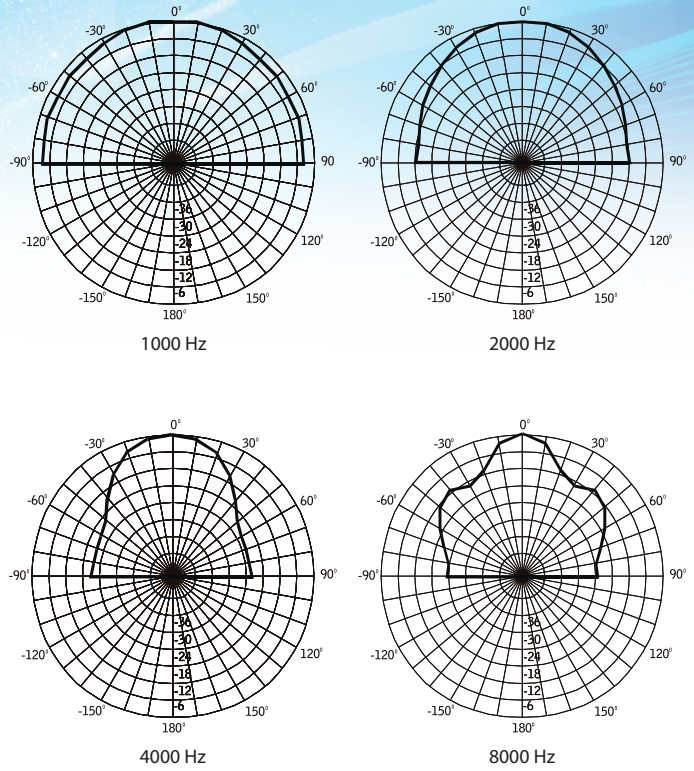
## POLAR PATTERNS



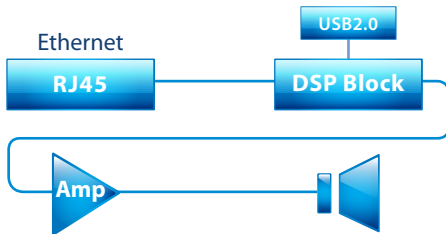
Front view  
Unit: inch (mm)



Side view  
Unit: inch (mm)

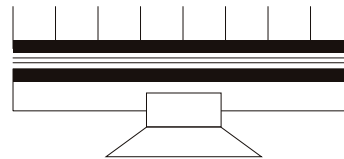


## FUNCTION BLOCK



## CIRCUIT DIAGRAM

| Watt  | PIN 1 | PIN 2 | PIN 3 | PIN 4 | PIN 5 | PIN 6 | PIN 7 | PIN 8 | Black  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 25V   | 5     | 2     | 1     | 0.5   | 0.25  | -     | -     | -     | Common |
| 70.7V | -     | -     | -     | 5     | 2     | 1     | 0.5   | 0.25  |        |



## FREQUENCY RESPONSE

(Measured in Infinite Baffle)

