

## DESCRIPTION

The ZJ-430W-AS is a bi-directional projection speaker designed for surface-mount installation on walls or ceilings. It features two speaker units and a construction ideal for use in a voice alarm system. The input power can be selected according to the markings on the terminal. The screw terminals (steatite) make input cable connections easy and allow for bridge wiring.

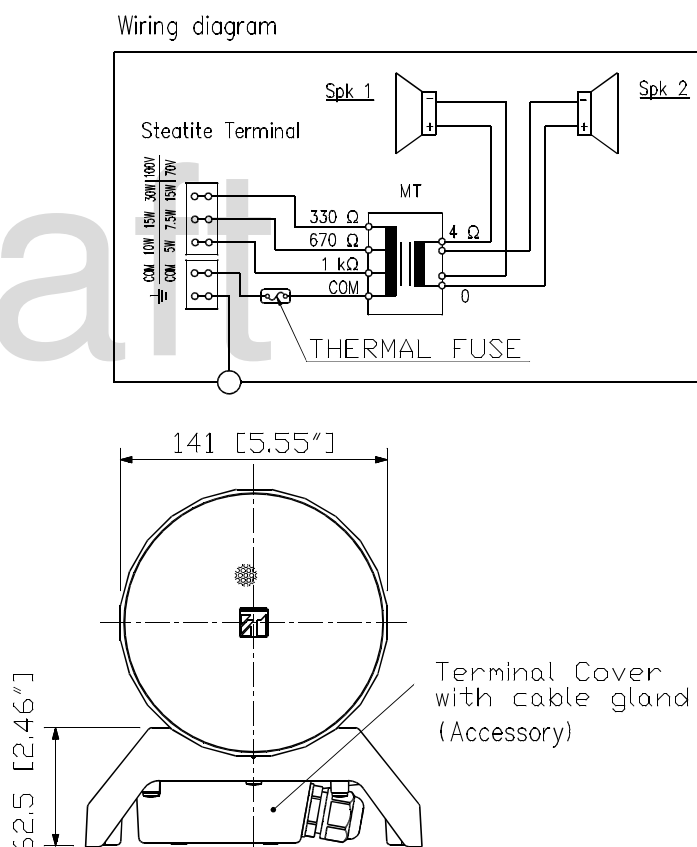
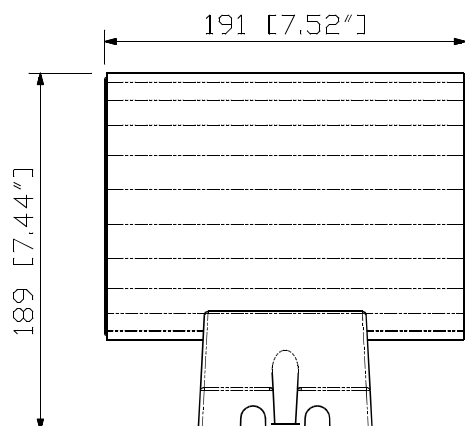
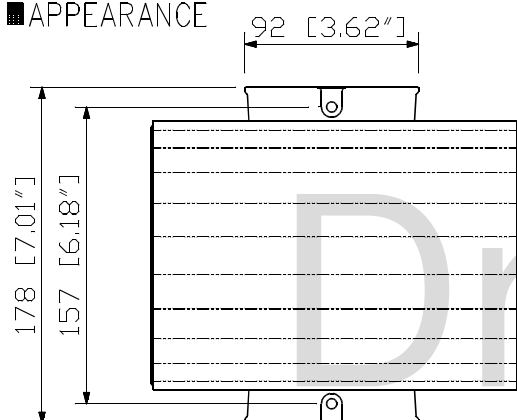
## SPECIFICATIONS

\* Tentative value need be confirmed

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Input            | 30 W (100 V line) or 15 W (70 V line)                                                                                                                                                                                                                                                                                                                                                                               |
| Rated Impedance        | 100 V line: 330 $\Omega$ (30 W), 670 k $\Omega$ (15 W), 1 k $\Omega$ (10 W)<br>70 V line: 330 $\Omega$ (15 W), 670 k $\Omega$ (7.5 W), 1 k $\Omega$ (5 W)                                                                                                                                                                                                                                                           |
| Sensitivity (SPL)      | 89 dB (1 W, 1 m) (500 Hz – 5 kHz, pink noise, 2 speakers)                                                                                                                                                                                                                                                                                                                                                           |
| Max. SPL               | 103 dB (30 W, 1 m) (500 Hz – 5 kHz, pink noise, 2 speakers)                                                                                                                                                                                                                                                                                                                                                         |
| Frequency Response     | 97 Hz – 20 kHz (Peak –20 dB)                                                                                                                                                                                                                                                                                                                                                                                        |
| Coverage Angle (–6 dB) | 2x Hor./Ver. : 131° (500 Hz), 162° (1 kHz), 71° (2 kHz), 59° (4 kHz) *                                                                                                                                                                                                                                                                                                                                              |
| Environmental type     | IP44 (indoor and outdoor installation) *                                                                                                                                                                                                                                                                                                                                                                            |
| Speaker Component      | 2x 10 cm (4") double cone-type                                                                                                                                                                                                                                                                                                                                                                                      |
| Operating Temperature  | –25 °C to +70 °C (13 °F to 158 °F) *                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Cable size  | Outer diameter : $\phi$ 6.5 – $\phi$ 12.5 mm (0.26" – 0.49").<br>Conductor : Solid wire or Stranded wire (7-core wire)<br>No bridge connection : 0.8 – 6 mm <sup>2</sup> (AWG18 – AWG10) for solid wire<br>0.8 – 4 mm <sup>2</sup> (AWG18 – AWG12) for stranded wire<br>Bridge connection : 0.8 – 2.1 mm <sup>2</sup> (AWG18 – AWG14) for solid wire<br>0.8 – 1.8 mm <sup>2</sup> (AWG18 – AWG15) for stranded wire |
| Cable Connection       | 2-pins + 3-pins Screw terminal (steatite), can be bridge connection                                                                                                                                                                                                                                                                                                                                                 |
| Finish                 | Cabinet, Mounting bracket: Aluminum, white (RAL 9016 equivalent), paint<br>Grille: Steel perforate, white (RAL 9016 equivalent), paint<br>Terminal cover: ABS resin, white (RAL 9016 equivalent), paint                                                                                                                                                                                                             |
| Dimensions             | 189 (H) x 178 (W) x 191 (D) mm (7.44" x 7.01" x 7.52") *                                                                                                                                                                                                                                                                                                                                                            |
| Weight                 | 3.2 kg (7.05 lb) *                                                                                                                                                                                                                                                                                                                                                                                                  |
| Accessory              | Terminal cover with Cable gland PGB 13.5–12 grey...1 *1)                                                                                                                                                                                                                                                                                                                                                            |

\*1) One cable gland is factory-installed, for bridge connection one cable gland can be added

## APPEARANCE



UNIT:mm SCALE:1/4