





## SPECIFICATION

- 4 Tone Ringer – 4 different distinct tones in sympathy with ringing signal cadence.
- Loud SPL output depending on tone selected.
- Volume control 30dB attenuation.
- REN: 0
- Optional Visual ring indicator: Flash rate 1Hz.
- Maximum ring signal 100Vrms.
- Ingress Protection IP66. Cable glands included.
- Wall fixing bracket.
- 3m Line cord terminated with RJ11 4/6 plug.
- Requires a 12V DC supply (18VDC MAX) not supplied.

## INSTALLATION INSTRUCTION.

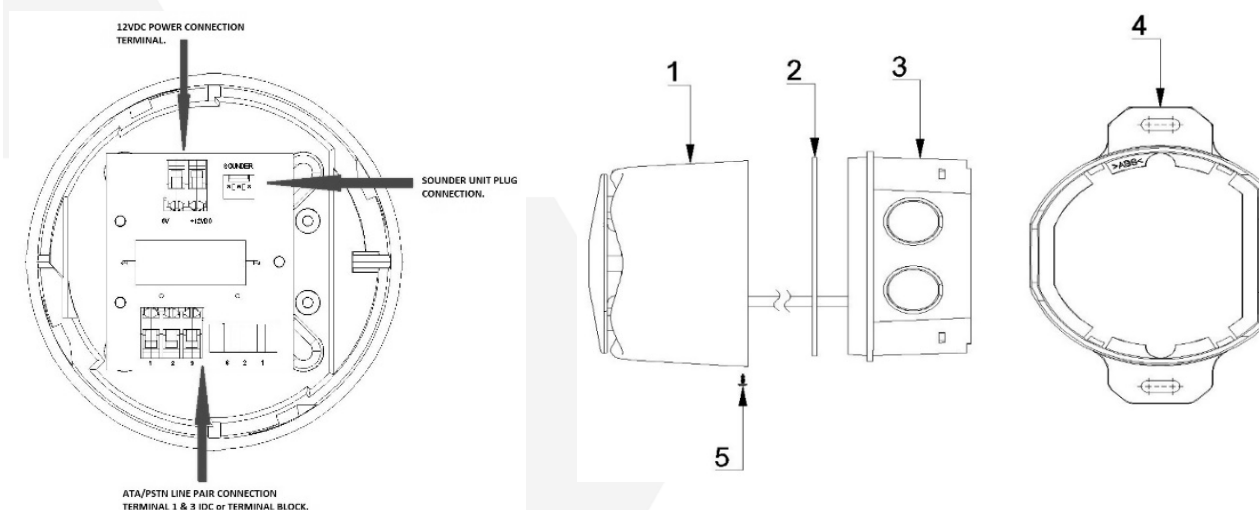
1.  **TO BE INSTALLED BY AN INSTRUCTED OR SKILLED PERSON ONLY**, due to the risk of hazardous voltages being present on telecom wires. UK PSTN ringing voltage 60 to 100Vrms.
2.  The tonecaller can emit a loud sound. Volume is factory set to maximum. Proximity may result in hearing damage; check maximum levels of noise exposure which must not be exceeded for your installation.
3. Choose suitable site to mount unit. Using wall fixing bracket (4) with the flat side edge facing down mark the position of the screws on the wall. Minimum recommended screw size (DIA)4.5mm (L)40mm. If using wall plugs, drill holes with an appropriate drill, taking care not to drill or drive screws into pipes, cables, or other hidden services. Hang the mounting bracket ensuring it is securely fixed.
4. Clip in Units Black base (3) into mounting bracket (4) ensuring it is securely fixed.
5. Feed the 12V DC supply connection through right hand side cable gland terminating in 2 way terminal block observing the polarity marked on the PCB. To maintain IP66 ingress protection cable of 4mm to 7mm OD required.
6. If hardwiring to PSTN line connect the A & B wire from a master socket to terminal 1 & 3 of 3 way IDC or terminal block.
7. Before fitting the Nose unit (1) select required tone on DIL switch (see sound table).
8. Place gasket (2) on base (3), Plug 3-way wire lead from the nose unit (1) onto the pin header marked "SOUNDER" in base and fit nose unit onto base by turning clockwise to retain. Fit security screw (5) through the hole in the side to lock in place.
9. Plug the RJ11 connector into ATA and switch ON 12Vdc supply.

### SOUND TABLE.

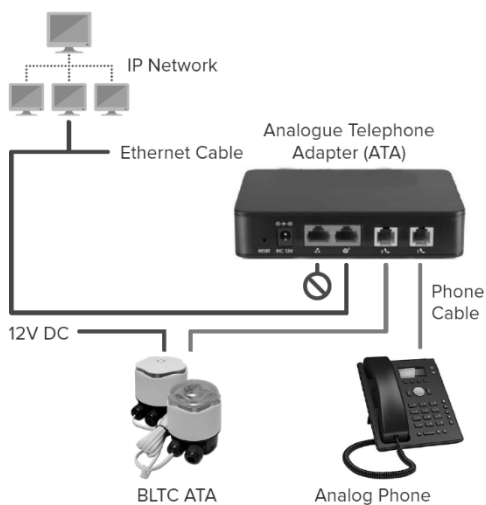
| DIL SWITCH |     | TONE                                   | TYP SPL @ 1M on 1.2M <sup>2</sup><br>Baffle |
|------------|-----|--|---|
| SW1        | SW2 |  |   |
| OFF        | OFF | LF Buzz 800Hz to 950Hz @ sweep 120Hz   | 95dBA                                       |
| OFF        | ON  | LF Continuous 800Hz                    | 97dBA                                       |
| ON         | OFF | HF Continuous 2.9kHz                   | 99dBA                                       |
| ON         | ON  | HF Buzz 2.3kHz to 2.9kHz @ sweep 120Hz | 105dBA                                      |

### Important Notice:

Disconnect the unit from power supply and ATA/PSTN line before opening as hazardous voltages may exist inside if the unit is left connected.



### LINK UP DIAGRAM



Hosiden Besson Ltd, 11 St Joseph's Trading Estate, St Joseph's Close, Hove, East Sussex BN3 7EZ.

Tel: +44 (0)1273 860000, Email: [info@hbl.co.uk](mailto:info@hbl.co.uk), [WWW.hbl.co.uk](http://WWW.hbl.co.uk)

EU Authorised Representative: Comply Express LDA, StartUp Madeira, EV 141, Campus da Penteada, 9020 105 Funchal. Tel: (+351) 300509778 Email: [info@complyexpress.com](mailto:info@complyexpress.com)