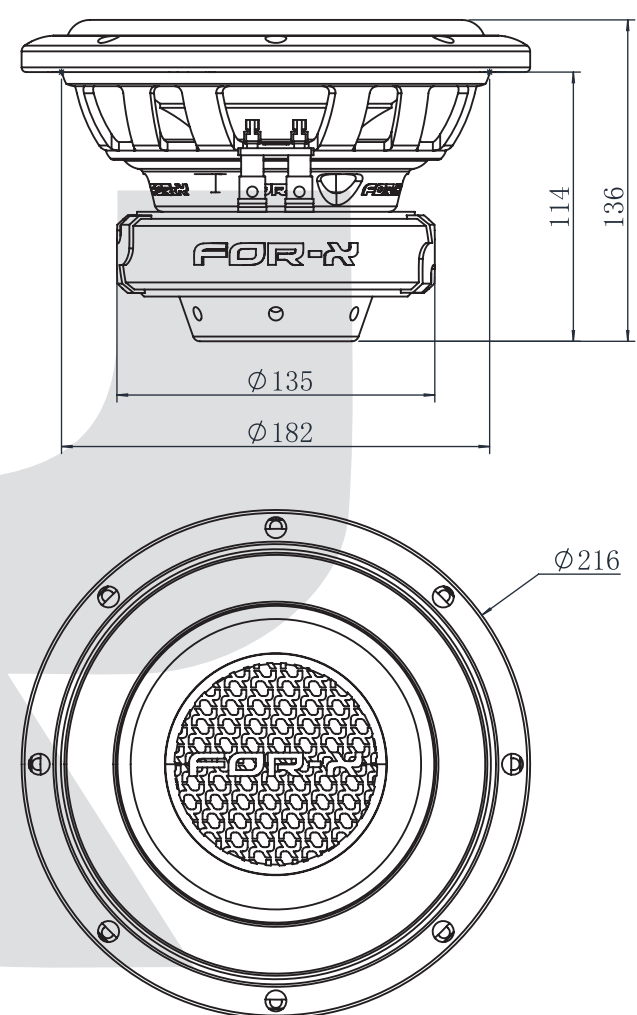


# FOR-N

## XW-82

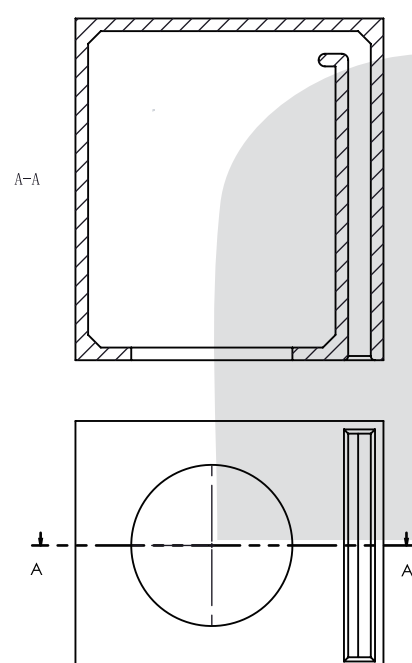
### Owner's Manual

#### Dimensions



XW-82 SIZE

| Recommended sealed enclosure informations |                                |                                                |                       |
|-------------------------------------------|--------------------------------|------------------------------------------------|-----------------------|
| Model                                     | Subwoofer Displacement (cu.ft) | Enclosure Volume(cu.ft) (net enclosure volume) | Tuning Frequency (Hz) |
| XW-82                                     | 0.042                          | 0.53-0.777                                     | 42                    |



Vented box for reference

Sealed enclosure not recommended!

#### Specifications

| General Data                     |        |                 |
|----------------------------------|--------|-----------------|
| XW-82                            |        |                 |
| Overall Dimensions               | mm     | 216*136         |
| Nominal Power Handling           | W      | 250             |
| Transient Power 10ms             | W      | 500             |
| Sensitivity                      | dB     | 82.6            |
| Frequency Response               | Hz     | 46-300          |
| Cone Material                    |        | Paper           |
| Net Weight                       | kg     | 3               |
| Electrical Data                  |        |                 |
| Nominal Impedance                | ohms   | Dual 4          |
| DC Resistance                    | ohms   | Dual 3.3        |
| Voice COIL and Magnet Parameters |        |                 |
| Voice Coil Diameter              | mm     | 50.8            |
| Voice Coil Height                | mm     | 21.5            |
| HE Magnet Gap Height             | mm     | 8               |
| Max.Linear Excursion             | mm     | 6.75            |
| Voice Coil bobbin                |        | Black Aluminium |
| Voice Coil Wire                  |        | Copper          |
| Number Of Layers                 | layers | 4               |
| Magnet System Type               |        | Ferrite 40 Oz   |
| BL Product                       | N.A    | 12.88           |
| T/S Parameters                   |        |                 |
| Resonant Frequency               | Fs     | 46              |
| Moving Mass                      | Mms    | 110.3           |
| Suspension Compliance            | Cms    | 0.09            |
| Mechanical Q Factor              | Qms    | 5.58            |
| Electrical Q Factor              | Qes    | 0.66            |
| Total Q Factor                   | Qts    | 0.59            |
| Eq.Cas Air Load(liters)          | VAS    | 5.71            |
| Effective Piston Area(cm²)       | SD     | 201             |
| Connection:                      |        | Parallel        |

