



# PRODUCT MANUAL

Designed by YR Audio, And Thank You For Chosen High Quality Level.

| General Data                     |               | Unit |
|----------------------------------|---------------|------|
| Overall Dimensions               | 173           | mm   |
| Mounting Depth                   | 61            | mm   |
| Over Depth                       | 67            | mm   |
| Baffle Cutout Diameter           | 145           | mm   |
| Nominal Power Handling           | 150           | W    |
| Maximum Power                    | 300           | W    |
| Sensitivity                      | 93            | dB   |
| Frequency Response               | 163Hz-10.8Khz | Hz   |
| Cone Material                    | Paper Cone    | \    |
| Basket                           | Steel         | \    |
| Electrical Data                  |               |      |
| Nominal Impedance                | 8             | OHMS |
| DC Resistance                    | 5.2           | OHMS |
| Voice Coil and Magnet Parameters |               |      |
| Voice Coil Diameter              | 35.5          | mm   |
| Voice Coil Former Material       | Kapton        | \    |
| Surround Material                | Cloth         | \    |
| Winding Material                 | CCAW          | \    |
| Motor Tpye                       | Y30           | \    |
| Motor Diameter                   | 100           | mm   |
| Magnet System Type               | Ferrite       | \    |
| Magnet Weigth                    | 19            | Oz   |
| T-S Parameters                   |               |      |
| X-max                            | 6.2           | mm   |
| Mechanical Q Factor              | 9.1           | Qms  |
| Electrical Q Factor              | 1.4           | Qes  |
| Total Q Factor                   | 1.2           | Qts  |
| Moving Mass                      | 8.8           | Mms  |
| Eq.Cas AIR Load                  | 3.5           | Vas  |
| Resonant Frequency               | 120           | Fs   |
| Displacement Volume              | \             | L    |

# YR AUDIO ECO SERIES

## YR-M650 6.5" MIDRANGE LOUD SPEAKER

