

# HS212T Full range horn speaker 12" 100V

# Highlights:

- · IP54 Ingress protection
- Multi-tapping 100V line transformer
- 12" high output woofer with a 1.8" voice coil
- Multi-Layer glass composite material with textured EPDM black coating
- · Weatherproof speakON connector

The AUDAC HS212T is a full-range loudspeaker system engineered to provide long throw, full range sound projection in a variety of fixed in- and outdoor applications. Its wide, smooth frequency response and high efficiency ensure high-fidelity music reproduction along with superb projection of clear, intelligible speech at very low distortion. The HS212T features a 1,8" HF driver with an 12" LF loudspeaker combination for the best sound reproduction and has a very special coverage pattern of 40° horizontally and vertically. The HS212T contains the possibility to choose from power tapping for: - 240 Watt, 120 Watt, 60 Watt @ 100V - 8 Ohm impedance. The construction of the HS212T is made of polyester with textured EDPM black coating and a perforated aluminum grill front finish. Behind the aluminum grill, there's an acoustic foam assembled, which prevents rain coming into the speaker. Due to an Ingress Protection rating (IP) of 65, this speaker is suitable for any environment where humidity or moisture are present. At the rear, you'll find cable clamps to select the line transformator as desired. The cable clamps are shielded to obstruct moisture and humidity. Mounting brackets: - MBK212Z (Stainless Steel)

### Applications:

- · Corporate spaces
- · Sport facilities
- Events





#### Certification:



#### Voltage:



# System specifications:

| Max. Power         700 W           RMS Power         350 W           Impedance         8 Ω           Line Transformer Tappings         1         240 W / 42 Ω           Line Transformer Tappings         1         120 W / 83 Ω           Line Transformer Tappings         3         60 W / 167 Ω           Sensitivity (1W/1m)         95 dB           Frequency         Response (± 3 dB)         80 Hz - 18 kHz           Crossover         Frequency         1.5 kHz           Crossover         Frequency         1.5 kHz           Dispersion         Horizontal         40°           Ingress Protection rating         Vertical         40°           Connectors         Barrier terminal block in waterproof connection box           Drivers         HF         1.8" Neodymium compression driver  | Speaker type              |                   | 2-way horn speaker                                  |
|--|---------------------------|-------------------|---|
| Impedance         8 Ω           Line Transformer Tappings         1         240 W / 42 Ω           Line Transformer Tappings         1         120 W / 83 Ω           Line Transformer Tappings         3         60 W / 167 Ω           Sensitivity (1W/1m)         95 dB           Sensitivity (1W/1m)         80 Hz - 18 kHz           Frequency         Range (-10 dB)         65 Hz - 20 kHz           Crossover         Frequency         1.5 kHz           Dispersion         Horizontal         40°           Ingress Protection rating         Vertical         40°           Connectors         Barrier terminal block in waterproof connection box           Drivers         HF         1.8" Neodymium compression driver   |                           |                   |   |
| Line Transformer Tappings         1         240 W / 42 Ω           Line Transformer Tappings         2         120 W / 83 Ω           Line Transformer Tappings         3         60 W / 167 Ω           Sensitivity (1W/1m)         95 dB           Sensitivity (1W/1m)         80 Hz - 18 kHz           Frequency         Range (-10 dB)         65 Hz - 20 kHz           Crossover         Frequency         Passive built-in           Dispersion         Horizontal         40°           Ingress Protection rating         Vertical         40°           Connectors         Barrier terminal block in waterproof connection box           Drivers         HF         1.8" Neodymium compression driver  | RMS Power                 |                   | 350 W   |
| 2   120 W / 83 Ω     Sensitivity (1W/1m)   3   60 W / 167 Ω     Sensitivity (1W/1m)   95 dB     Frequency   Response (± 3 dB)   80 Hz - 18 kHz     Range (-10 dB)   65 Hz - 20 kHz     Crossover   Frequency   1.5 kHz     Type   Passive built-in     Dispersion   Horizontal   40°     Ingress Protection rating   Vertical   40°     Connectors   Barrier terminal block in waterproof connection box     Drivers   HF   1.8" Neodymium compression driver     Connectors   HF   1.8" Neodymium compression driver     Connectors   120 W / 83 Ω  | Impedance                 |                   | 8 Ω   |
| 360 W / 167 ΩSensitivity (1W/1m)95 dBFrequencyResponse (± 3 dB)80 Hz - 18 kHzCrossoverRange (-10 dB)65 Hz - 20 kHzCrossoverFrequency1.5 kHzDispersionHorizontal40°UsersionVertical40°Ingress Protection ratingVertical1P65ConnectorsBarrier terminal block in waterproof connection boxDriversHF1.8" Neodymium compression driver  | Line Transformer Tappings | 1                 | 240 W / 42 Ω  |
| Sensitivity (1W/1m) Frequency Response (± 3 dB) Range (-10 dB) Range (-10 dB) Frequency Frequenc |                           | 2                 | 120 W / 83 Ω  |
| Frequency Response (± 3 dB) Range (-10 dB) Crossover Frequency Frequency Frequency Type Passive built-in  Dispersion Horizontal Vertical  Vertical  Forequency Frequency Frequen |                           | 3                 | 60 W / 167 Ω  |
| Range (-10 dB)  Crossover  Frequency  1.5 kHz  Type  Passive built-in  Dispersion  Horizontal  40°  Vertical  40°  Ingress Protection rating  Connectors  Drivers  HF  HF  1.8" Neodymium compression driver   | Sensitivity (1W/1m)       |                   | 95 dB   |
| Crossover Frequency 1.5 kHz  Type Passive built-in  Dispersion Horizontal 40°  Vertical 40°  Ingress Protection rating IP65  Connectors Barrier terminal block in waterproof connection box  Drivers HF  | Frequency                 | Response (± 3 dB) | 80 Hz - 18 kHz                                      |
| Type Passive built-in  Dispersion Horizontal 40°  Vertical 40°  Ingress Protection rating IP65  Connectors Barrier terminal block in waterproof connection box  Drivers HF 1.8" Neodymium compression driver   |                           | Range (-10 dB)    | 65 Hz - 20 kHz                                      |
| Dispersion Horizontal 40°  Vertical 40°  Ingress Protection rating IP65  Connectors Barrier terminal block in waterproof connection box  Drivers HF 1.8" Neodymium compression driver  | Crossover                 | Frequency         | 1.5 kHz   |
| Vertical 40°  Ingress Protection rating IP65  Connectors Barrier terminal block in waterproof connection box  Drivers HF 1.8" Neodymium compression driver   |                           | Туре              | Passive built-in                                    |
| Ingress Protection rating IP65  Connectors Barrier terminal block in waterproof connection box  Drivers HF 1.8" Neodymium compression driver   | Dispersion                | Horizontal        | 40°   |
| Connectors Barrier terminal block in waterproof connection box  Drivers HF 1.8" Neodymium compression driver   |                           | Vertical          | 40°   |
| Drivers HF 1.8" Neodymium compression driver   | Ingress Protection rating |                   | IP65  |
|  | Connectors                |                   | Barrier terminal block in waterproof connection box |
|  | Drivers                   | HF                | 1.8" Neodymium compression driver                   |
| MF 12"   |                           | MF                | 12"   |

# **Product Features:**

| Dimensions          |          | 508 x 508 x 732 mm (W x H x D)  |
|---------------------|----------|---|
| Weight              |          | 34.500 kg   |
| Construction        |          | Multi-Layer glass composite material with textured EPDM black coating |
| Front finish        |          | Powdercoated aluminium with lining                                    |
| Mounting & handling |          | Mounting bracket fixing holes   |
| Colours             |          | Black   |
| Accessories         | Optional | MBK212Z Wall mounting bracket   |

#### Horizontal Polars:



