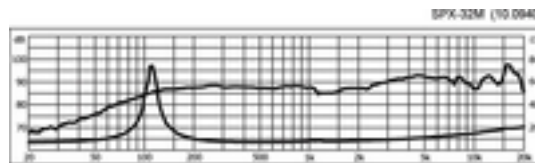
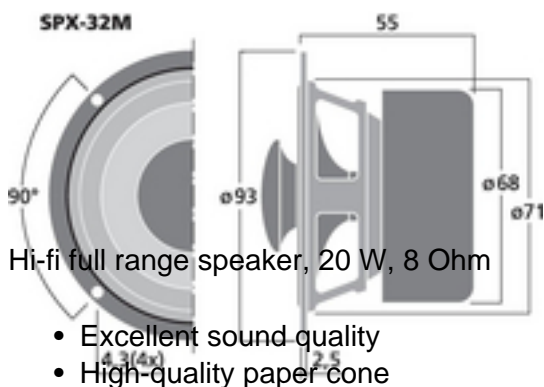


## SPX-32M - HiFi Fullrange Speaker



Hi-fi full range speaker, 20 W, 8 Ohm

- Excellent sound quality
- High-quality paper cone
- Wooden phase plug for optimising radiation pattern
- Rear-ventilated centering spider
- Shielded magnet system
- Application in small speakers or satellite systems
- Ideally suited for application in FAST speakers (full range and subwoofer technology)

HOBBY HiFi 03/2012

“Audiophile characteristics due to paper cone and solid wooden phase plug.”

## Technical data:

|   |                             |
|---|-----------------------------|
| Impedance (Z)                             | : 8 Ohm                     |
| Transmission technology                   | : -                         |
| Frequency range                           | : f3-22,000 Hz              |
| Resonant frequency (fs)                   | : 110 Hz                    |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : -                         |
| Power rating (RMS)                        | : 20 W                      |
| Peak music power output (MAX)             | : 40 W                      |
| SPL                                       | : 88 dB/W/m                 |
| Max. rated SPL                            | : -                         |
| Max. voltage                              | : -                         |
| Radiation angle                           | : -                         |
| Radiation angle, horizontal               | : -                         |
| Radiation angle, vertical                 | : -                         |
| Suspension compl. (Cms)                   | : 1.11 mm/N                 |
| Moving mass (Mms)                         | : 1.7 g                     |
| Mech. Q factor (Qms)                      | : 7.66                      |
| Electr. Q factor (Qes)                    | : 0.60                      |
| Total Q factor (Qts)                      | : 0.56                      |
| Equivalent volume (Vas)                   | : 1.6 l                     |
| DC resistance (Re)                        | : 6.6 Ohm                   |
| Force factor (BxL)                        | : 3.69 Tm                   |
| Voice coil induct. (Le)                   | : 0.18 mH                   |
| Voice coil diameter                       | : $\tilde{A}$ 20 mm         |
| Voice coil former                         | : Kapton                    |
| Linear excursion (X <sub>MAX</sub> )      | : $\pm$ 1.1 mm              |
| Eff. cone area (Sd)                       | : 32 cm <sup>2</sup>        |
| Magnet weight                             | : 99 g                      |
| Magnet diameter                           | : $\tilde{A}$ 68 mm         |
| Mounting cutout                           | : $\tilde{A}$ 71 mm         |
| Mounting depth                            | : 52.5 mm                   |
| Mounting hole diameter                    | : -                         |
| Hole spacing X-axis                       | : -                         |
| Hole spacing Y-axis                       | : -                         |
| Dimensions                                | : $\tilde{A}$ 93 mm x 55 mm |
| Outside diameter                          | : $\tilde{A}$ 93 mm         |

|                                |                          |
|--------------------------------|--------------------------|
| Width                          | : Å~ 93 mm               |
| Height                         | : -                      |
| Depth                          | : 55 mm                  |
| Colour                         | : black/silver           |
| Protective class               | : -                      |
| Admiss. ambient temp.          | : 0-40 °C                |
| Weight                         | : 0.498 kg               |
| Packing unit                   | : 1                      |
| Type of speaker                | : 3"                     |
| Packing dimensions (W x H x L) | : 0.095 x 0.08 x 0.095 m |
| Gross weight                   | : 0.524 kg               |
| Net weight                     | : 0.498 kg               |
| Low-impedance                  | : 1                      |