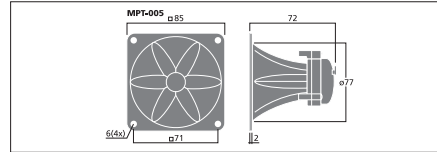


MPT-005

Order No. 11.0480

Piezo tweeter

Model	MPT-005
Impedance (Z)	> 1,000 Ω
Frequency range	4,000-20,000 Hz
Peak music power output (MAX)	115 W (8 Ω system) 225 W (4 Ω system)
Sensitivity	94 dB/W/m
Max. voltage	~ 30 V
Mounting cutout	Ø 77 mm
Dimensions	85 x 85 x 72 mm
Weight	0.055 kg

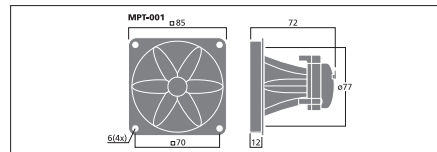


MPT-001

Order No. 11.0470

Piezo tweeter

Model	MPT-001
Impedance (Z)	> 1,000 Ω
Frequency range	4,000-20,000 Hz
Peak music power output (MAX)	115 W (8 Ω system) 225 W (4 Ω system)
Sensitivity	94 dB/W/m
Max. voltage	~ 30 V
Mounting cutout	Ø 77 mm
Dimensions	85 x 85 x 72 mm
Weight	0.059 kg



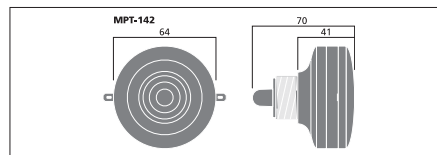
MPT-142

Order No. 11.0510

Piezo tweeter driver

- 3.5 cm (1 3/8") standard thread

Model	MPT-142
Impedance (Z)	> 1,000 Ω
Frequency range	1,800-20,000 Hz
Peak music power output (MAX)	115 W (8 Ω system) 225 W (4 Ω system)
Sensitivity	92 dB/W/m
Max. voltage	~ 30 V
Radiation angle	dep. on horn
Dimensions	Ø 64 mm x 70 mm
Weight	0.057 kg



Basic Information on Piezo Tweeters

Due to the high sound pressure, piezo tweeters are especially suitable for basic high-performance speaker systems, as they are used for stage applications or PA systems. These tweeters can be operated without a crossover network due to the piezo principle. For this system, please observe the max. admissible AC voltage. This voltage determines the power capability of the 4 Ω or 8 Ω bass system connected in parallel according to the impedance. At max. 30 Veff and 4 Ω, the music power of the system is e.g. 225 W. With the same voltage and 8 Ω it is approx. 115 W.

The piezo systems can directly be connected in parallel with the subwoofer, a series resistor of approx. 20-50 Ω (10-20 W) or a capacitor of approx. 0.47-0.1 μF (MTK) is recommended to avoid interfering effects and for level matching. The piezo systems can be connected in parallel or in series with each other as desired.

