

ELV Weatherproof Horn Speakers

Project Clear Sound Outdoors and In Challenging Environments



ELV Weatherproof Horn Speakers are designed to deliver high-intelligibility voice announcements and background music in outdoor areas and demanding indoor environments. Built with durable materials and rated IP66, they withstand dust and powerful water jets. Different models offer various power levels and frequency responses, including options optimized for music reproduction (T-1900) and very high power output (T-720CD). All models feature built-in 70V/100V transformers with multiple power taps for easy integration into distributed PA systems.



Key Features

- Excellent Weather Resistance:** IP66 rating ensures reliable operation in outdoor conditions, resisting dust and water ingress.
- High Sound Pressure Level (SPL):** Efficiently converts amplifier power into loud, clear sound, cutting through ambient noise.
- Music-Capable Option:** T-1900 features a wider frequency response (120Hz-15kHz) suitable for both music and voice.
- High Power Handling:** T-720CD handles up to 100W (200W Max) for covering large areas.
- Versatile Power Taps:** Built-in transformers with multiple taps allow easy power level adjustment to suit coverage needs and amplifier capacity.
- Optimized for Intelligibility:** Voice-focused frequency response on standard models (T-720R/B, T-720CD) ensures clear announcements.
- Durable Construction:** Made from ABS (T-720R/B), Organic Resin (T-1900) and Aluminum Alloy (T-720CD) for longevity.
- Mounting Bracket Included:** Comes complete with adjustable bracket for easy installation.

Applications

Outdoor areas (parking lots, school grounds, stadiums, pools), industrial facilities (factories, warehouses), transportation hubs, public spaces, anywhere requiring robust, weatherproof, and high-efficiency sound projection.

System Compatibility

- Amplifiers:** Compatible with any ELV 70V/100V amplifier output (A-XXXR series, A-XXXD series). Ensure amplifier power matches total speaker load.
- Volume Controls:** Can be used with A-C30R (ensure power rating is not exceeded). Override function maintains emergency broadcast capability.

Technical Specifications

Specifications*	T-720B	T-720R	T-720CD	T-1900
Description	15W Weatherproof Horn Speaker	30W Weatherproof Aluminum Horn Speaker	100W High Power Weatherproof Horn Speaker	15W Weatherproof Music Garden Speaker
Power Taps @ 100V	15W, 7.5W	30W, 15W	100W, 50W, 25W	7.5W, 15W
SPL (1W/1m)	103dB ±3dB	103dB ±3dB	114dB ±3dB	114 ±3dB
Max SPL	115dB	118dB	130dB	108dB
Frequency Response	250Hz - 8kHz	300Hz - 13kHz	160Hz - 8kHz	120Hz - 15kHz
Material	ABS	ABS	Aluminum Alloy	Organic Resin
IP Rating	IP66	IP66	IP66	IP66
Weight	1.6 kg	2.0 kg	4.6 kg	3.3kg
Dimensions	221 x 165 x 235 mm	245 x 290 mm (φ)	500 x 485 mm (φ)	255 x 290 x 350 mm (φ8)

*Specifications are subject to change without prior notice

Ordering Informations

Model No.	Description
T-720B	15W Weatherproof Horn Speaker
T-720R	30W Weatherproof Aluminum Horn Speaker
T-720CD	100W High Power Weatherproof Horn Speaker
T-1900	15W Weatherproof Music Garden Speaker