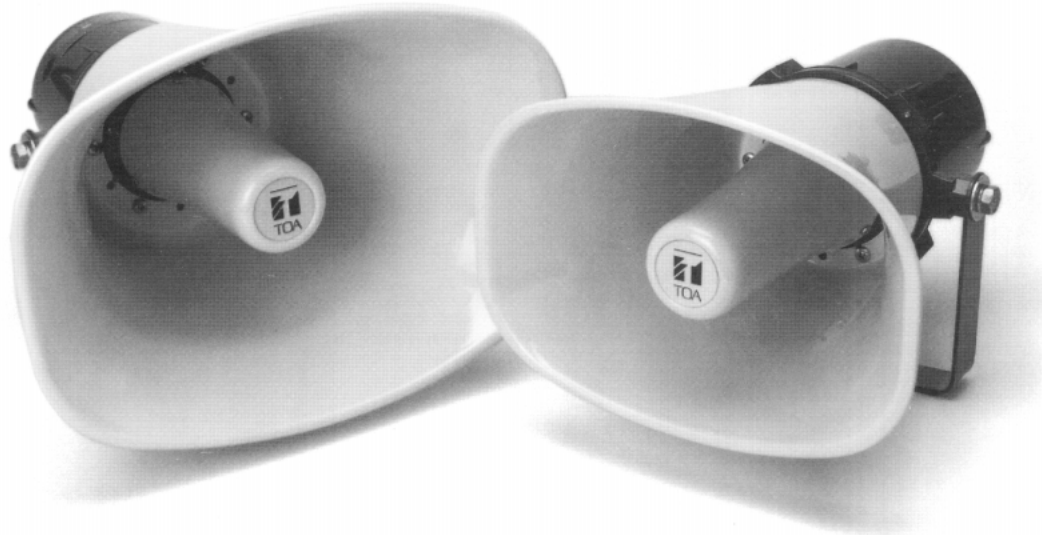


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# TC-154S/TC-154ST, TC-304S/TC-304ST PAGING HORNS



## DESCRIPTION

TOA's newest compact paging horns are ideally suited for general use in paging and intercom systems, indoors and out, with optimal intelligibility for a variety of applications. The new TC paging horns are ideal for schools, stadiums, parking lots, churches, hospitals, parks and anywhere else that announcements are needed.

TOA's TC-154S is a compact paging horn rated at 15W. Its small size makes it easy to install. With a weather proof finish, it is as much at home outdoors as it is in indoor applications. The TC-154ST has an internal, multi-tapped, 70V/25V transformer that can be easily adjusted with a standard screwdriver.

TOA's TC-304S is designed to penetrate very noisy environments with very high speech intelligibility. It is rated at 30W. The TC-304ST has an internal, multi-tapped, 70V/25V transformer that can be easily adjusted with a standard screwdriver.

## FEATURES

### TC-154S

- ◆ weatherproof cover
- ◆ withstands temperatures from -4° to 130°F
- ◆ U-shaped steel bracket
- ◆ compact size

### TC-154ST

- ◆ weatherproof cover
- ◆ withstands temperatures from -4° to 130°F
- ◆ U-shaped steel bracket
- ◆ compact size
- ◆ adjustable 70V/25V Transformer

### TC-304S

- ◆ weatherproof cover
- ◆ withstands temperatures from -4° to 130°F
- ◆ U-shaped steel bracket
- ◆ excellent intelligibility in high noise environments

### TG304ST

- ◆ weatherproof cover
- ◆ withstands temperatures from -4° to 130°F
- ◆ U-shaped steel bracket
- ◆ excellent intelligibility in high noise environments
- ◆ adjustable 70V/25V Transformer

# TC-154S/TC-154ST and TC-304S/TC-304ST

## SPECIFICATIONS

### Model Number TC-154S

Rated Input Power	15W
Nominal Impedance	8 Ω
Sensitivity	112 dB S.P.L. (1W, 1m, 500-2.5kHz)
Frequency Response	250 Hz-10,000 Hz
Sensitivity as a Microphone (0 dBm=1mW/10 dynes/cm <sup>2</sup> )	-22 dBm at 1 kHz
Ambient Temperature Range	from -4° to 130°F
Finish	Horn (flare & inner): Aluminum, Ivory U Bracket: Steel, dark gray Unit Cover: Weatherproof ABS resin Color: Dark gray
Weight	3.08 lbs.
Dimensions(WxHxD)	8.74" x 6.38" x 9.65"

\*\*Specifications are subject to change without notice

### Model Number TC-304S

Rated Input Power	30W
Nominal Impedance	8 Ω
Sensitivity	113 dB S.P.L. (1W, 1m, 500-2.5kHz)
Frequency Response	230 Hz-10,006 Hz
Sensitivity as a Microphone (0 dBm=1mW/10 dynes/cm <sup>2</sup> )	-19 dBm at 1 kHz
Ambient Temperature Range	from -4° to 130°F
Finish	Horn (flare & inner): Aluminum, Ivory U Bracket: steel, dark gray Unit Cover: Weatherproof ABS resin Color: Dark gray
Weight	3.30 lbs.
Dimensions(WxHxD)	11.22" x 8.07" x 10.79"

\*\*Specifications are subject to change without notice

### Model Number TC-154ST

Rated Input Power	Rated 15W
Nominal Impedance Taps	Wattage (Impedance) at 70V line 15W (330Ω), 7.5Ω (650Ω) 3.8W (1,300Ω)
	Wattage (Impedance) at 25V line 15W (42Ω), 7.5W (170Ω) 1.9W (330Ω), 1W (650Ω), 0.5W (1,300Ω)
Maximum Output Level	122 dB S.P.L. (15W/1m/500-2.5kHz)
Frequency Response	250 Hz-10,000 Hz
Sensitivity as a Microphone (0 dBm=1mW/10 dynes/cm <sup>2</sup> )	-22 dBm at 1 kHz
Ambient Temperature Range	from -4° to 130°F
Bracket	U-shaped bracket
Finish	Horn (flare & inner): Aluminum, Ivory U Bracket: steel, dark gray Unit Cover: Weatherproof ABS resin Color: Dark gray
Weight	3.96 lbs.
Dimensions(WxHxD)	8.74" x 6.38" x 9.65"

\*\*Specifications are subject to change without notice

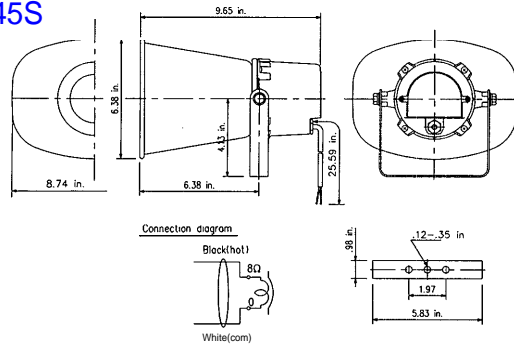
### Model Number TC-304ST

Rated Input Power	30W
Nominal Impedance Taps	Wattage (Impedance) at 70V line 30W (170Ω), 15W (330Ω), 7.5Ω (650Ω) 3.8W (1,300Ω)
	Wattage (Impedance) at 25V line 30W (21Ω), 15W (42), 7.5W (170Ω) 1.9W (330Ω), 1W (650Ω), 0.5W (1,300Ω)
Maximum Output Level	128 dB S.P.L. (30W, 1m, 500-2.5kHz)
Frequency Response	230 Hz-10,000 Hz
Sensitivity as a Microphone (0 dBm=1mW/10 dynes/cm <sup>2</sup> )	-19 dBm at 1 kHz
Ambient Temperature Range	from -4° to 130°F
Finish	Horn (flare & inner): Aluminum, Ivory U Bracket: steel, dark gray Unit Cover: Weatherproof ABS resin Color: Dark gray
Weight	4.18 lbs.
Dimensions(WxHxD)	11.22" x 8.07" x 10.9"

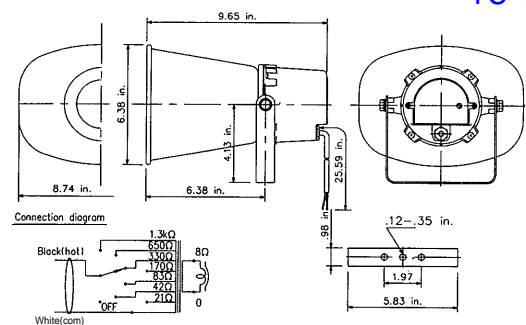
\*\*Specifications are subject to change without notice



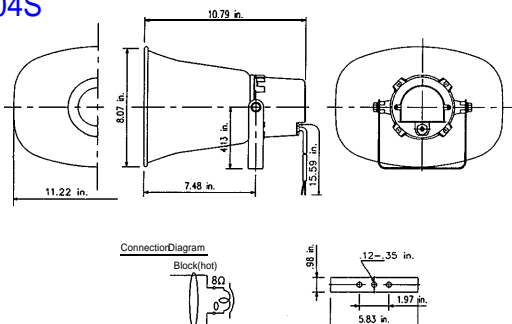
## APPEARANCE AND DIMENSIONAL DIAGRAM TC-145S



## APPEARANCE AND DIMENSIONAL DIAGRAM TC-154ST



## APPEARANCE AND DIMENSIONAL DIAGRAM TC-304S



## APPEARANCE AND DIMENSIONAL DIAGRAM TC-304ST

