



## School Series

### SS48 Series

4 and 8" Commercial Type Loudspeakers that are Designed for the School Market.



#### FEATURES

- For use in, Schools of all type, wherever a paging system is required. It is an economical system, designed to work well, and be clear to the ear. Available in 4 and 8" speaker sizes.
- Finished in white powder coat
- This Series is equipped with a 25 Volt, center tapped Line matching transformer. Optional Dual voltage, 70.7 / 25 volt non-center tapped units are available.
- Enclosures in Most Cases are Acoustically Dampened
- Round or Square, Flush or Surface Mount Features are available
- Call Switches are available for install, or as a stand alone 1 gang switch plate

# SS48 Series

## 4 and 8" Loudspeaker Assemblies for the School Market

SS48 Series

### SPECIFICATIONS

Model Number	Speaker Voltage (RMS)	Power Taps (WATTS)	Mounting Configurations		Baffle Shape	Max SPL SPL - 1M (dB)
			Recessed	Surface		
Speaker Devices With White Baffle						
46-7025L-15	70.7/25V	0.32,0.62/1.25.2.5,5	E15		R	101
46-7025L-70	70.7/25V	0.32,0.62/1.25.2.5,5	E40	SE40SB	S	101
46-254L-15	25V	0.25, 0.5, 1, 2, 4	E15		R	100
46-254L-70	25V	0.25, 0.5, 1, 2, 4	E40	SE40SB	S	100
86-255L-11	25V CT	¼, ½, 1, 2, 4	E10		R	99
86-255L-25	25V CT	¼, ½, 1, 2, 4	E20	SE20SB	S	99
86-255L-25S	25V CT	¼, ½, 1, 2, 4	E20	SE20SB	S	99
86-254L-11	25V	¼, ½, 1, 2, 4	E10		R	99
86-254L-25	25V	¼, ½, 1, 2, 4	E20	SE20SB	S	99
86-7025L-11	70.7/25V	0.32,0.62/1.25.2.5,5	E10		R	99
86-7025L-25	70.7/25V	1,2,4,8	E20	SE20SB	S	99

Baffle Shape S = Square R = Round

### GENERAL INSTALLATION INFORMATION

#### Speakers:

46 = A460K, 4-1/2", 11 Watt, 140-10 kHz, 95 dB, 6 oz

86 = A860E, 8", 12 Watt, 100-14kHz, 93 dB, 6 oz.

#### Transformers:

255L = A25-5L Ceter Tapped 5 Watt Transformer, 254L = A25-4L (Not Center Tapped) 4 Watt Transformer

7025L = A7025-5L, 70 / 25 volt, 5 Watt Transformer

#### Baffles:

15 = G15W Round Baffle, 7-3/8" Diameter      70 = G70W Square Baffle, 6-3/4" Square

11 = G11W Round Baffle, 12-3/4" Diameter      25 = G25W Square Baffle, 12-1/2" Square

23 = G23W Vandal Resistant - This option can be added to any 8" Speaker/Transformer Assembly

-25S = Model square, with a call switch installed for classroom Communications, Call / Privacy / Normal

1 Pair, MC1-P are required to mount flush back boxes into T-Bar or As a prep for Drywall.

See Individual Specification sheets for more detail

Volume Controls - Add a "-V" as a suffiv to the part number.

All Efficiencies are 1 Watt / 1 Meter without baffle or Transformer. Frequency response is based on +/- 5 dB

**See Individual Specification sheets for more detail**

**For Flush Mounting conditions, Arnscott recommends 1 x MC1-P mounting rail set per speaker.**

### ARCHITECTS AND ENGINEERS SPECIFICATIONS

The Arnscott SS48 Series of School Loudspeaker Assemblies are designed for installations which require a good level of sound for a reasonable price. The A460K (Code 46) is an excellent choice where voice clarity is required, coupled with excellent sensitivity. The A860E is a nice sounding and clear reproducing speaker, which focuses on Voice. The SS8 Series is complete with 25V Audio Transformer, 4/5 Watt maximum power. The SS48 Series shall mount flush to Arnscott Model E15 / E40 / E10 Back Box, or SE40SB / SE20SB Back Box for surface conditions. Call Switch option (-25S) is available for all CT Square baffled Speaker assemblies.