



POWERPIPE X SERIES TECHNICAL NOTE

PORT TUBE EXTENSION ACCESSORY

TECHNICAL NOTE FOR THE PPX SERIES PORT LENGTH ADJUSTMENT

A common request for PowerPipe subwoofers has been the ability to lengthen or shorten the supplied port tube without compromising the performance.

Using the advanced DSP functions in the Blaze by Sonance amplifiers we are now able to greatly increase the installation flexibility of the new PowerPipe X series subwoofers. Eight unique presets for the Blaze by Sonance amplifiers have been developed to cover a range of port tube lengths.

The PPX8 and PPX10 subwoofers are supplied with a 21.7" (550mm) long port tube. The supplied port tube length can be reduced all the way down to 5.4" (137.5mm). If the installation requires a longer port tube, you will need to order James SKU 60731 or Sonance SKU 93829. The accessory port tube allows lengths up to 43.3" (1100mm).

The PPX12 and PPX15 subwoofers are supplied with a 25.6" (650mm) port tube. The supplied port tube length can be reduced all the way down to 6.4" (162.5mm). If the installation requires a longer port tube, you will need to order James SKU 60732 or Sonance SKU 93830. The accessory port tube allows lengths up to 51.2" (1300mm).

CUTTING THE PPX PORT TUBE

1. Mark the center of the tube segment to identify where to make your cut.
2. Use a razor to cut through the plastic tube. The wire supports can be cut using heavy duty wire snips.

PPX DSP PRESET SELECTOR BY PORT TUBE LENGTH

Measure the installed port tube length, find your model, and select the DSP preset whose range covers that length.

MODEL	PORT LENGTH (IN)	PORT LENGTH (MM)	DSP PRESETS	NOTES
PPX8 PPX10 4" Diameter Port Tube	<5.4"	<137.5	Below minimum - not supported	-
	5.4" - 16.2"	137.5mm - 412.5mm	"275mm" preset	-
	16.2" - 27.1"	412.5mm - 687.5mm	Standard (factory default)	Standard tube 21.7" 550mm
	27.1" - 37.9"	687.5mm - 962.5mm	"825mm" preset	Requires Extended Port Tube 1100mm (SKU 60731 or 93829)
	37.9" - 43.3"	962.5mm - 1100mm	"1100mm" preset	
	> 43.3"	> 1100	Above maximum - not supported	-
PPX12 PPX15 6" Diameter Port Tube	<6.4"	<162.5	Below minimum - not supported	-
	6.4" - 19.2"	162.5mm - 487.5mm	"325mm" preset	-
	19.2" - 32"	487.5mm - 812.5mm	Standard (factory default)	Standard tube 25.6" 650mm
	32" - 44.8"	812.5mm - 1137.5mm	"975mm" preset	Requires Extended Port Tube 1300mm (SKU 60732 or 93830)
	44.8" - 51.2"	1137.5mm - 1300mm	"1300mm" preset	
	> 51.2"	> 1300	Above maximum - not supported	-

Note: Port tubes may be cut from the standard length up to roughly half. For lengths beyond the standard tube, the longer port tube must be ordered separately.

Replacement standard port tubes:

Sonance PPX8 | PPX10: 550mm (SKU 93831), PPX12 | PPX15: 650mm (SKU 93832)

James PPX8-M | PPX10-M: 550mm (SKU MISC.TUBE.PPX4.001), PPX12-M | PPX15-M: 650mm (SKU MISC.TUBE.PPX6.001)