

This document explains the differences between SP and SPX

speakers models to make easy the spare parts ordering.

for any other question refer to the model specific Service Manual, 270220 for SP LIVE/MEDIA passive, 270218 for SP LIVE/MEDIA active and finally 270219 for SP SUB Active.

code	description
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SPX LIVE/MEDIA passive versions

The spare parts changed respect the standard SP version are:	
277370	Owner's Manual
667719	Input Panel
347054	Rear Shell
347370	Front Panel (SP-Live)
347369	Front Panel (SP-Media)
all other parts and schematics are leaved unchanged.	

SPX LIVE/MEDIA active versions

The spare parts changed respect the standard SP version are:	
277370	Owner's Manual
347054	Rear Shell
347370	Front Panel (SP-Live)
347369	Front Panel (SP-Media)
all other parts and schematics are leaved unchanged.	
Also some parts in the first edition of the service manual are mistaken, refer to the followings:	
228014	8ohm 100W 6" Widerange Speaker
229015	8ohm 20W 1" Dome Tweeter Speaker
659027	White Knob

SPX SUB Active

The spare parts changed respect the standard SP version are:	
277370	Owner's Manual
667740	Speaker Net
227076	4ohm 350W 12" Woofer Speaker
717081	SPX Speaker Box Assembly
657286	* Bass Reflex Tube
430087	* Rear Panel
430086	* Speaker Box
340969	* Rubber Foot

SERVICE NOTE

Regarding 951093/094 SP SUB, 951318/319 SPX SUB, 951177/178 PFM15SA, 951341/342 PFM18SA subwoofer amplified speakers they use the same two 350W amplifier module with only few differences. These modules are:

737117 350W 230Vac Power Amplifier Module (EU)
737118 350W 115Vac Power Amplifier Module (US)
where the only difference is the mains AC supply.

PLEASE ORDER TO GM ONLY THESE PARTS WHEN YOU REPLACE THE WHOLE AMPLIFIER MODULE.

The few differences between subwoofer speakers are located on 768181 - STEREO CROSSOVER AND CONTROLS BOARD, only few resistors change their values and the following table explain these changes:

	SP SUB	SPX SUB	PFM-15SA	PFM-18SA
R21	6K81	12K7	6K81	18K2
R22	115K	88K7	115K	121K
R32	10K0	10K0	10K0	5K00 (two 10K0 paralleled)
R33	10K0	10K0	10K0	5K00 (two 10K0 paralleled)

The 737117 and 737118 modules mount on R21, R22, R32, R33 positions the SP SUB and PFM-15SA resistor values, this means that you can replace the module in these speakers without changing the resistors. While if you replace a module in SPX SUB or PFM-18SA you have to change these resistors, therefore order to GM also these parts:

Code	Qty	Description	Model	Note
042717	1	88K7 1/4W 1% Metalized Film Resistor	SPX SUB	sold it instead R22
042614	1	12K7 1/4W 1% Metalized Film Resistor	SPX SUB	sold it instead R21
042732	1	121K 1/4W 1% Metalized Film Resistor	PFM-18SA	sold it instead R22
042632	1	18K2 1/4W 1% Metalized Film Resistor	PFM-18SA	sold it instead R21
042605	2	10K0 1/4W 1% Metalized Film Resistor	PFM-18SA	sold each one in parallel to R32 and R33

For schematics and other spare part replacement codes refer to the appropriate service manual.

177328	*	Handle
177325	*	Flange
737117		350W 230Vac Power Amplifier Module (EU)
737118		350W 115Vac Power Amplifier Module (US)
see note below		