

WEB MANUAL

EP5

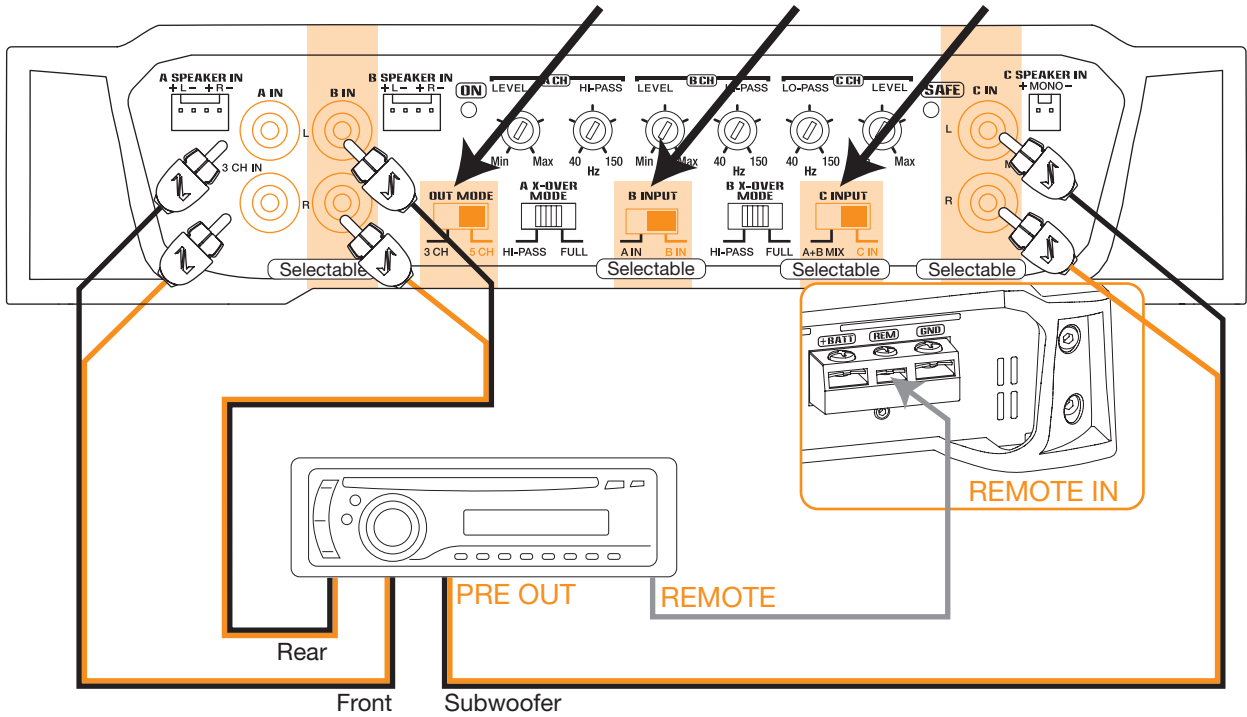
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HERTZ
The Sound Experience

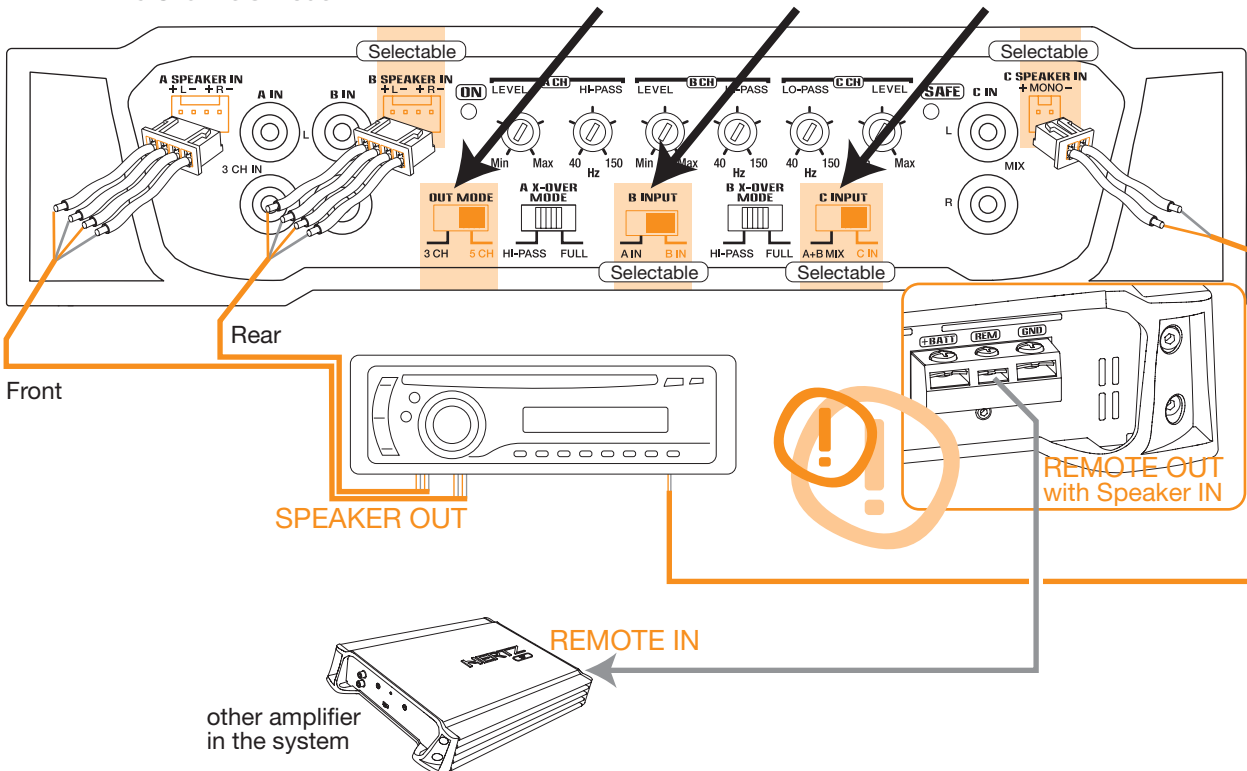
INPUTS

PRE IN 5 Channels Mode



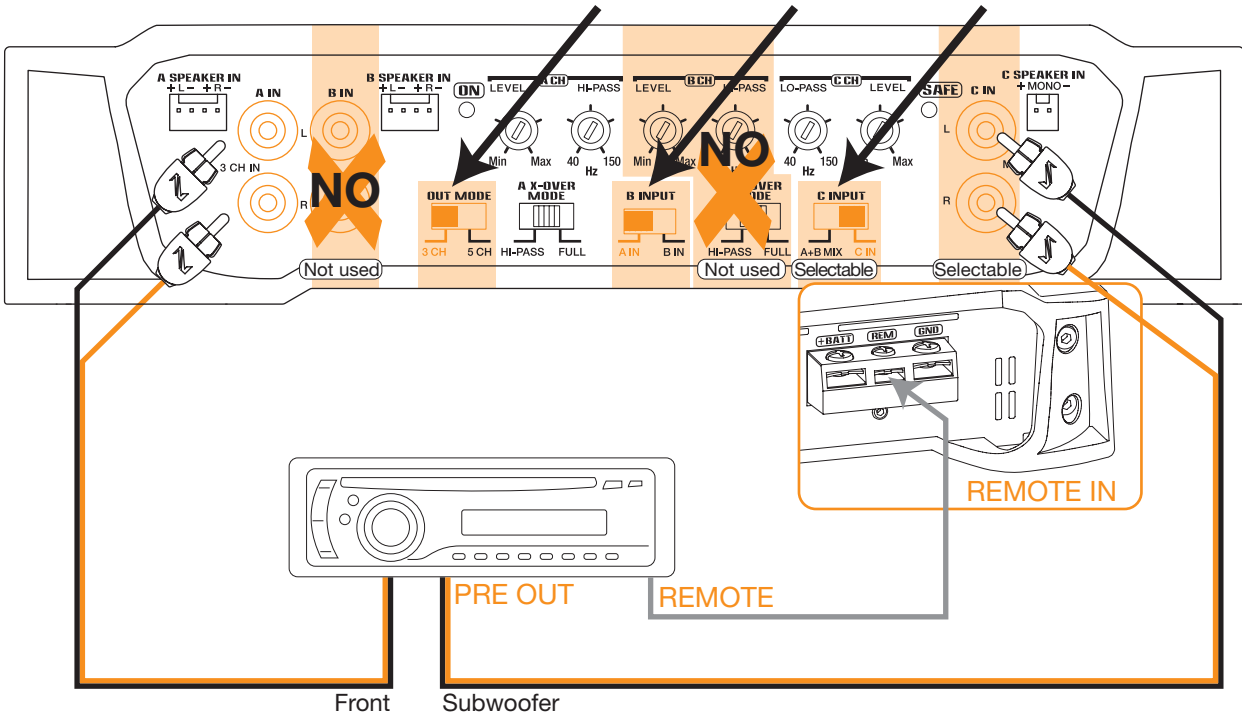
INPUTS

SPEAKER IN 5 Channels Mode



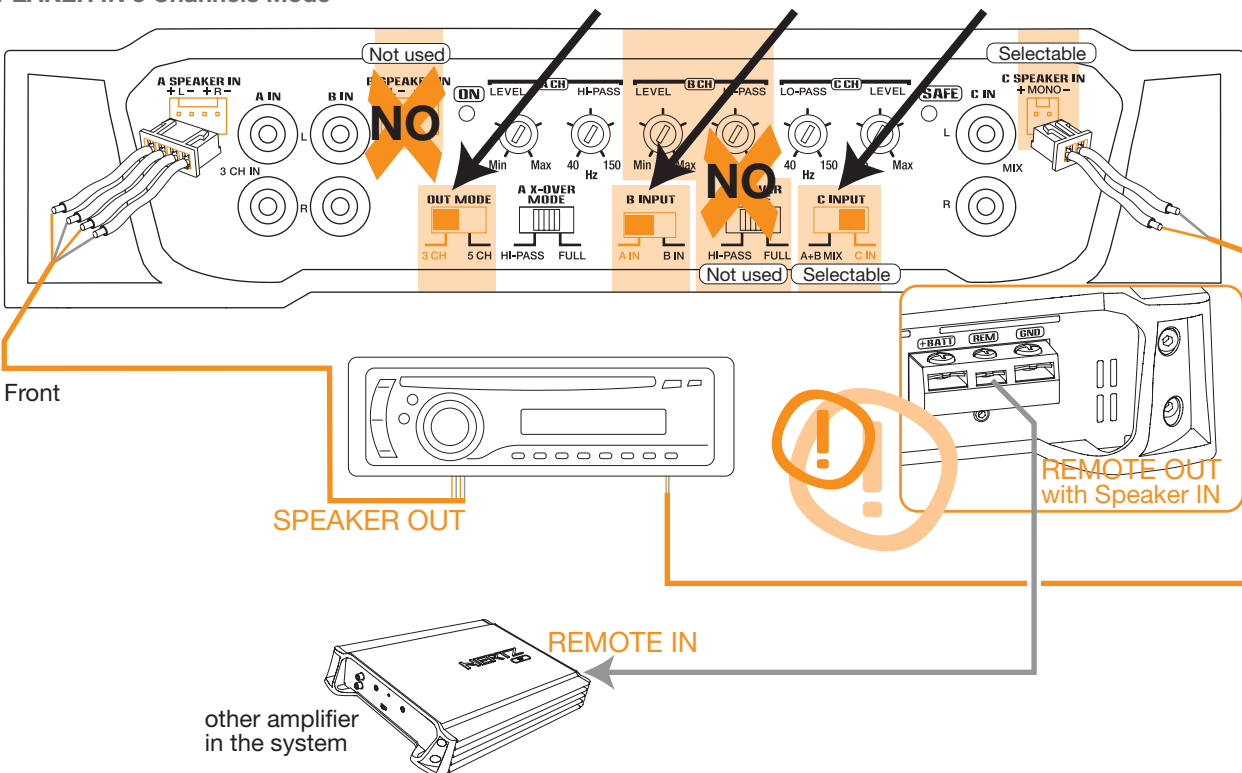
INPUTS

PRE IN 3 Channels Mode



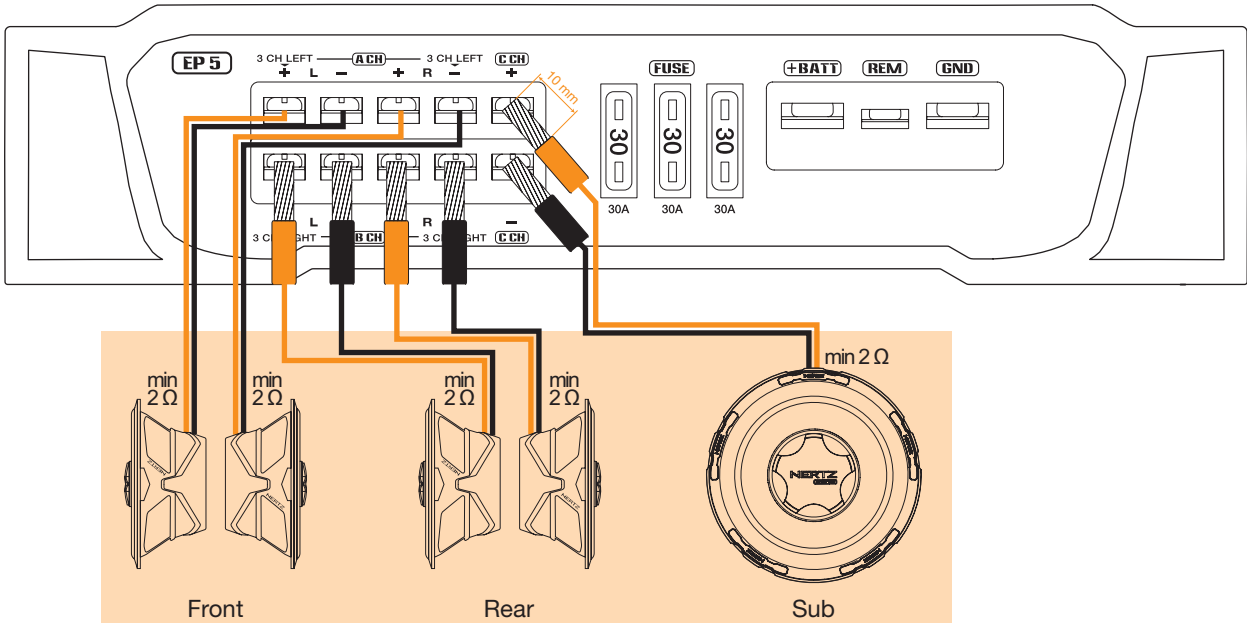
INPUTS

SPEAKER IN 3 Channels Mode



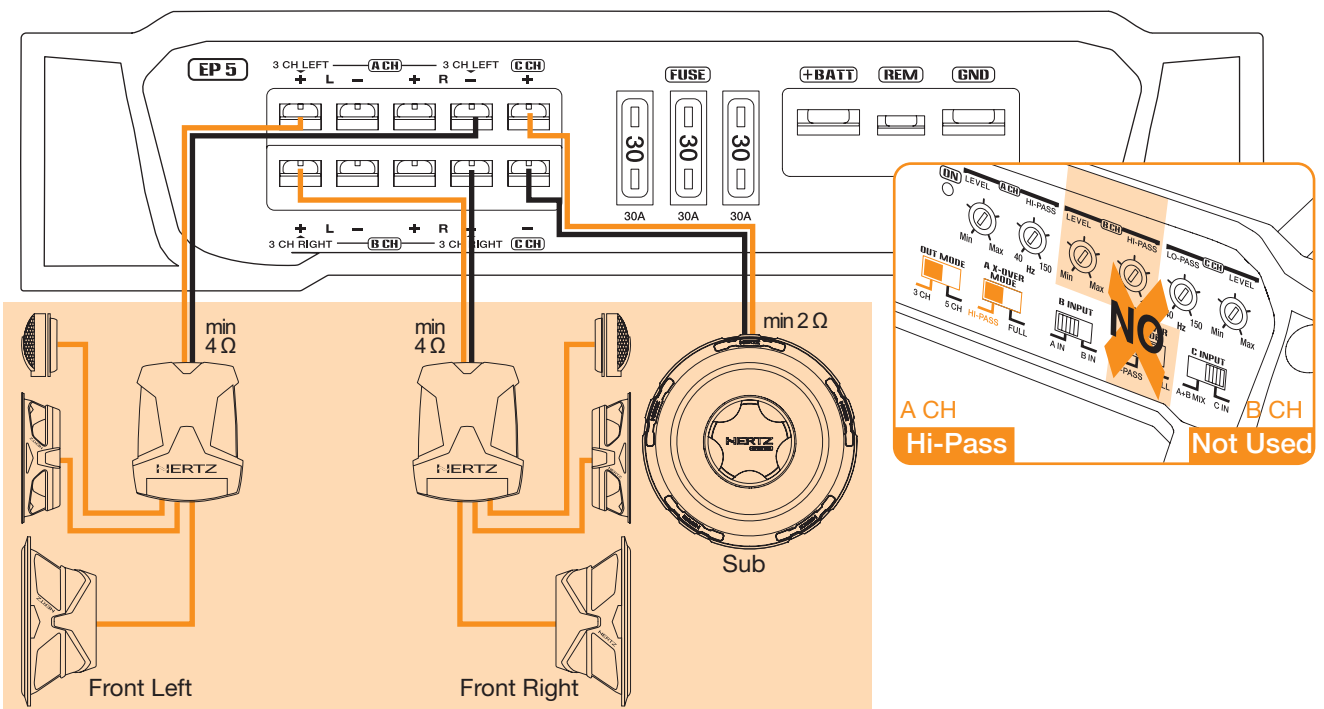
OUTPUTS

5 Channels Mode - Front / Rear / Sub



OUTPUTS

3 Channels Mode - Front / Sub



CONFIGURATION

Input configuration

3 Ch		Input	A Ch Mono	B Ch Mono	C Ch Mono
		A	A IN L	A IN R	A IN
		A+C	A IN L	A IN R	C IN

5 Ch		Input	A Ch Stereo	B Ch Stereo	C Ch Mono
		A	A IN	A IN	A IN
		A+C	A IN	A IN	C IN
		A+B	A IN	B IN	A+B IN
		A+B+C	A IN	B IN	C IN

Filter configuration

Config.	A Ch	B Ch	C Ch
1			
2			
3			
4			
5		B Filter Not used	
6		B Filter Not used	

TECHNICAL SPECIFICATIONS

EP5

Power Supply

Voltage	11±15 VDC
Minimum idling current	1.5 A
Idling current when off	0.04 mA
Consumption @ 2Ω; 14.4 VDC (MAX Musical Power)	44 A
Remote IN Voltage	6±15 VDC (1 mA)
Internal fuse	3 x 30 A

Amplifier stage

Bandwidth A & B Ch (-3dB)	7±60k Hz
Bandwidth C Ch (-3dB)	7±150 Hz
Distortion - THD (1 kHz @ 4 Ω)	0.09%
S/N Ration A& B Ch (weighted A @ 1 V)	98 dB
S/N Ration C Ch (weighted A @ 1 V)	102 dB
Damping factor A & B Ch (1 kHz @ 4 Ω)	100
Damping factor C Ch (1 kHz @ 4 Ω)	200
Input sensitive (PRE IN)	0.3±5 V
Input sensitive (Speaker IN)	1.4±24 V
Input impedance (PRE IN)	15 kΩ
Input impedance (Speaker IN)	5 kΩ
Load impedance (MIN)	
5 Ch	4 x 2Ω + 1 x 2Ω
3 Ch	2 x 4Ω + 1 x 2Ω
Output Power (RMS) @ 14.4 VDC; THD 1%	
5 Ch	60 W x 4 + 160 W x 1(4Ω)
5 Ch	95 W x 4 + 250 W x 1(2Ω)
3 Ch	190 W x 2 (4Ω) + 160 W x 1(4Ω)
3 Ch	190 W x 2 (4Ω) + 250 W x 1(2Ω)

Inputs / Outputs / Filters

Input	PRE / Speaker
AMP Filter	
A Ch	Full / Hi-pass 40±150Hz@12dB/Oct.
B Ch	Full / Hi-pass 40±150Hz@12dB/Oct.
C Ch	Lo-pass 40±150Hz@24dB/Oct.
Other Functions	
ART	Automatic Remote Turn-On/Off with Speaker-In

Size

B x L x H	mm	240 x 450 x 54
	inches	9 ^{15/32} x 17 ^{23/32} x 2 ^{5/32}
Weight	kg	4,80
	lb	10.58