

DS18 XM5 5-Way Active Crossover Owner's Manual

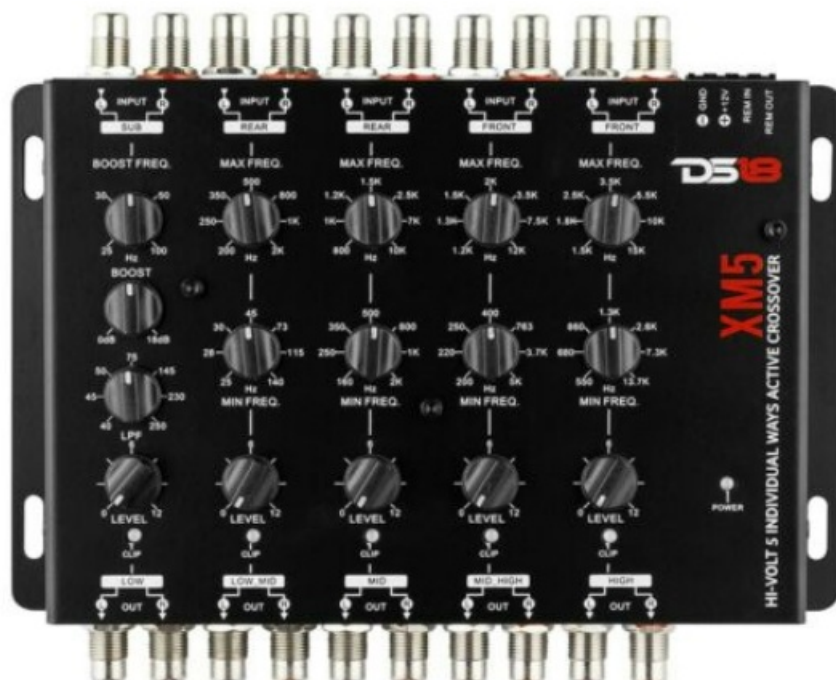
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DS18 XM5 5-Way Active Crossover



INTRODUCTION

Congratulations on your purchase of this product. Read this manual carefully before installing the product. XM5 crossover was developed with the highest technology and high-quality components, which ensure its high reliability. Versatile. It offers filters for 5 ways with variable adjustment, output level control at each way as well as adjustable- BASS Boost & Boost Frequency. For convenience at installing and adjusting, all settings, inputs and outputs have indications at the front panel at hand. Their disposition aims to enable easy configuration of all ways of the crossover

INSTALLATION

Professional Installation by an authorized DS18 dealer is highly recommended! Otherwise, the performance of your new gear may not be satisfactory. In the event you decide to do your own installation, please read and follow this manual very carefully. Failure to do so may compromise the integrity of this product, your automobile, and possibly void the product warranty.

- XM5 Electronic crossover must be placed at a stable base/support of easy access, away from heating sources.
- It is not recommended to install the product at the side of loudspeaker sound boxes due to its vibrations.
- Do not place it directly on vehicle body parts, frame or structure.
- Recommended with wire width is 1.5 mm² (15 AWG) for positive and negative wire and 0,75mm (21AWG) for remote wire
- The positive wire must be connected to the positive pole of the battery.
- For protection, a fuse must be installed close
- The remote terminal must be close to the battery (1A)
- The Negative wire must be connected to the negative pole of the battery.
- The remote terminal must be connected to the remote output of the CD/DVD Player
- Never supply power to XM5 from the original vehicle wiring.
- In order to avoid noise capitation, use armored wire. They must not be installed parallel to incoming power supply wires, being the shortest possible.
- Any incoming power connection, input or output, must be done only with the device turned off.

FEATURES AND SPECIFICATIONS

- Surface Mount Component Technology
- FR4 Two Layers Circuit Trace Design
- High Output Levels and Low Harmonic Distortion {T.H.D}
- Extremely Low Standby Current Consumption
- Short/High & Low Voltage Multi Protections
- Quick Disconnect DC-DC Converter Switch Power Supply

LOW Way {Mono):

- Cutoff Frequency {LPF): Variable 40-250 Hz {-24dB/Octave)
- Boost Frequency: Variable 25-100 Hz
- Bass Boost: Variable 0-18dB

LOW_MID WAY {Stereo)

- Minimum Cutoff Frequency: Variable 25-140Hz {-12dB/Octave)
- Maximum Cutoff Frequency: Variable 200-2KHz {-12dB/Octave)

MID WAY {Stereo):

- Minimum Cutoff Frequency: Variable 160-2KHz {-12dB/Octave)
- Maximum Cutoff Frequency: Variable 800-10KHz {-12dB/Octave)

MID_HIGH WAY {Stereo):

- Minimum Cutoff Frequency: Variable 200-5KHz {-12dB/Octave)
- Maximum Cutoff Frequency: Variable 1.2-12KHz {-12dB/Octave)

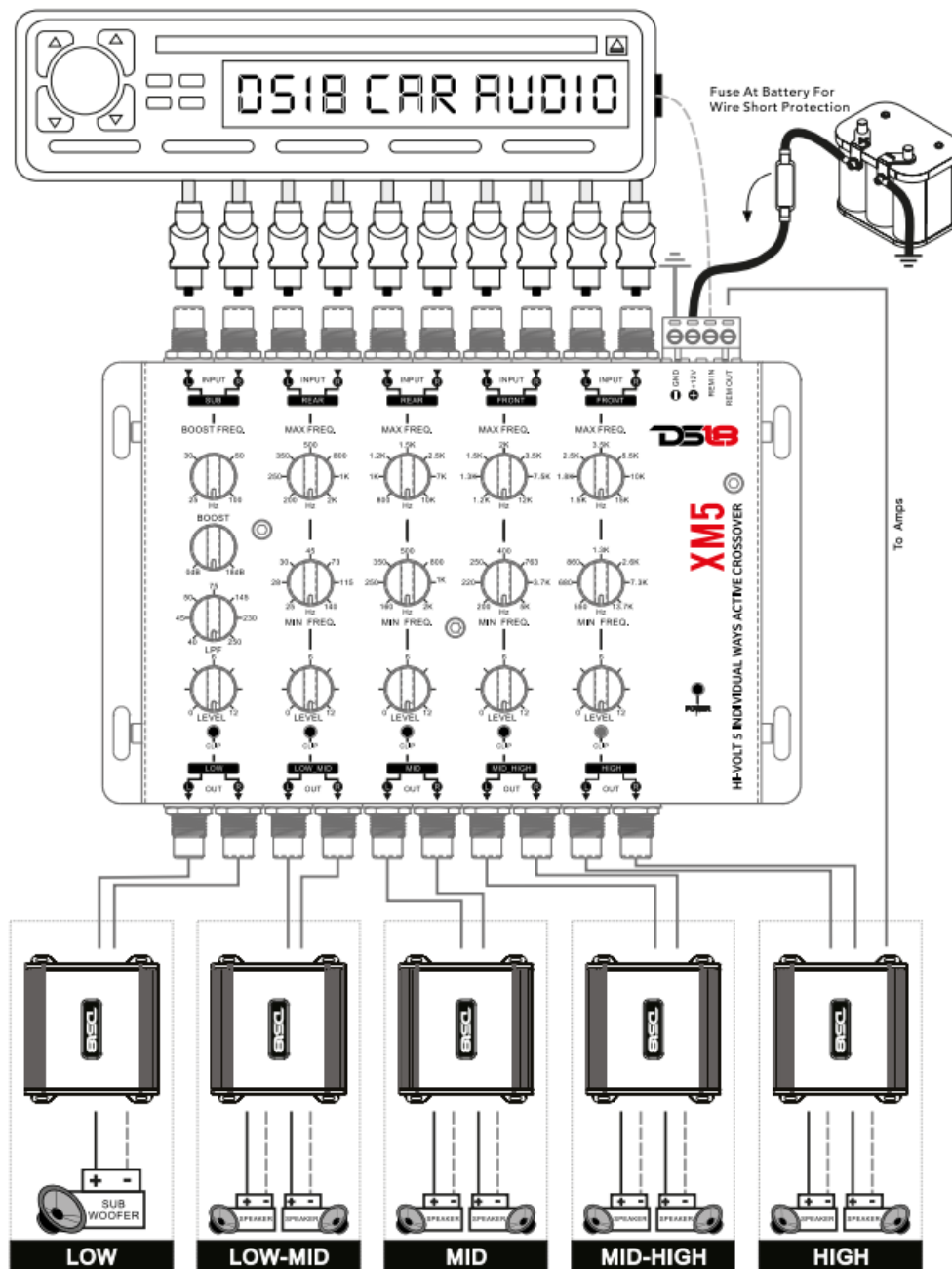
HIGH WAY {Stereo):

- Minimum Cutoff Frequency: Variable 550-13.7KHz {-12dB/Octave)
- Maximum Cutoff Frequency: Variable 1.5-15KHz {-12dB/Octave)
- Dimensions: 196.SL x 124.5W x 34.5 H {mm)

WARRANTY

Should your crossover require service Please consult with the dealer from which it was purchased, or contact DS18 Local Dealer. Do not attempt to return your crossover directly to us without first calling for a Return Authorization Number. Units received without an accompanying Return Authorization Number will be processed more slowly. Additionally, you must include a copy of your purchase receipt from an Authorized dealer for consideration of in-warranty service; otherwise, repair charges will apply. Units received without a receipt will be held for 30 days, allowing us time to contact you and obtain a copy of the receipt. After 30 days, all units will be returned.

CONNECTIONS



Documents / Resources

#WELKETLOUD
WWW.DS18.COM

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XM5 5-Way, Active Crossover, Crossover