



WARRANTY DOES NOT COVER: 1) Opened or burned voice coils. 2) Torn cones caused by improper packing or abuse. 3) Damage from rain, moisture, ETC. When returning defective driver(s), remove them from the enclosure to reduce shipping costs. DO NOT stuff paper into the driver(s). Return pre-paid by UPS. Include your address and description of the problem. Your driver(s) will be returned COD for the cost of shipping and reconditioning if not covered under warranty.

SPEAKER CABLES

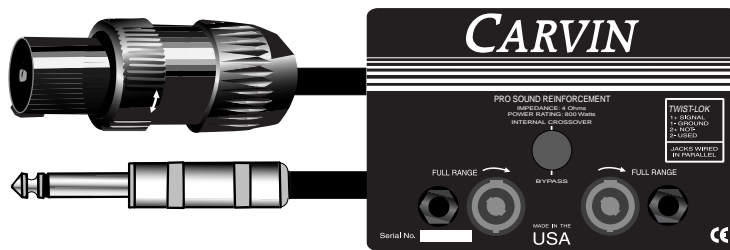
The **FH1801** can accept both the **SP** 12 gauge or the **PH** 16 gauge 1/4" speaker cables. Due to the high power capacity of the **FH1801**, it is recommended to use the high current **SP** Twist-Lok cables (Carvin part numbers **SP25** or **SP50**)

BUILT-IN CROSSOVER

Your subwoofer system comes with an 250Hz 12dB/octave built-in crossover, which is switched IN when you receive your system. By removing the dust cap below the words CROSSOVER on the rear connect plate, you can switch the crossover OUT. This will give you more mid frequencies through your system, which in some cases you may want. Another reason to disengage the crossover, is when you are using an electronic crossover such as our XC3000 you can select a different crossover frequency.

REAR CONNECT PLATE

Two professional Twist-Lok connectors and two standard 1/4" phone jacks are featured. Use these connectors for connecting to the power amp and daisy chaining to an additional speaker system.



The super efficient folded horn design amplifies the longer bass waves while reducing unwanted mids and highs. The **FH1801** 800w capacity exceeds the performance of other top-of-the-line folded horn subwoofers while costing substantially less. Perfect for DJ's, bands and permanent installations. Expect tremendous "thump" and punch your audience will feel. Our super responsive cone responds to the transient attack of every note resulting in earth shaking sub-bass. The massive 4" voice coil can easily handle 800 watts for continuous use without failure! Vented magnet structure allow the voice coil to breathe and the 23lb magnet structure efficiently converts RMS power into dynamic air movement.

RECEIVING INSPECTION

INSPECT YOUR SPEAKER FOR ANY DAMAGE which may have occurred during shipping. If any damage is found, please notify the shipping company & CARVIN.

SAVE THE CARTON & ALL PACKING MATERIALS. In the event you have to re-ship your unit, always use the original carton and packing material. This will provide the best possible protection during shipment. CARVIN and the shipping company are not liable for any damage caused by improper packing.

SHIPMENT SHORTAGE. If you find items missing, they may have been shipped separately. Please allow several days for the rest of your order to arrive before inquiring.

RECORD THE SERIAL NUMBER on the enclosed warranty card or below on this manual for your records. Keep your portion of the card and return the portion with your name and comments to us.

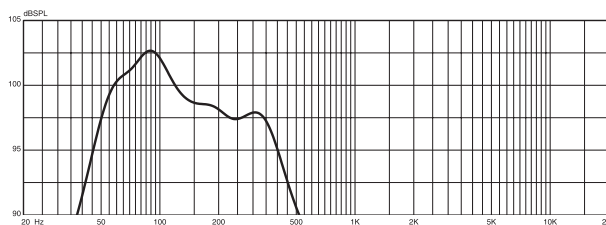
PRECAUTIONS

1) DO NOT EXCEED THE POWER RATING marked on the rear connect plate. Excessive power will destroy drivers. 2) DISTORTION from power amps will destroy drivers much faster than clean power. 3) WATER, MOISTURE, and DUST are harmful to drivers causing failure which is not covered under warranty.

WARRANTY

CARVIN loudspeakers are covered by a ONE year limited warranty unless otherwise stated. Warranty coverage is limited to original manufactures defects only.

FREQUENCY RESPONSE



MODEL FH1801 SPEAKER SYSTEM SPECS:

- Frequency Response:** 50 - 350 Hz±3 dB
- Useable Low Frequency:** 42 Hz (-10 dB)
- Power Handling:** 800w continuous, 1600w peak
- Recommended Amp:** 100 to 1500 watts
- Sensitivity:** 102 dB SPL, 1 Watt @ 1 meter
- Crossover:** switchable in/out, 250 Hz 12dB/Octave
- Nominal Impedance:** 8Ω
- Horn Driver Type:** N/A
- Connector Type:** Two 1/4", two Twist-Lok
- Enclosure Type:** Low Frequency Folded Horn
- Enclosure Construction:** 13-Ply Poplar Plywood, Duratuff II®
- Dim/Wt:** 40.25"H x 30"D x 24.25"W, 116lbs.

For your records, you may wish to record the following information.

Serial No. _____ Invoice Date _____



12340 World Trade Drive, San Diego, CA 92128
800.854.2235 www.carvin.com