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## **OWNER'S MANUAL**

### **Naylor Speaker Cabinets - 112CC™ 210CC™ 212CC™ 410CC™ and 412CC™**

#### **WARRANTY:**

Damage caused by failure to follow any of the guidelines in this manual will not be covered by warranty (see warranty card for more details). Warranty card must be filled out and returned to Naylor Engineering for warranty to be in effect. Sales outside the USA, please contact distributor. Please keep the original bill of sale and the original box with all packing materials (including plastic bags), should warranty work be required.

#### **SPECIAL FEATURES:**

**VENTED BACK** - The specially tuned vented back enhances the “woody” midrange qualities as well as increasing volume and room dispersion.

**BIRCH PLY CONSTRUCTION** - The cabinet grade seven ply birch plywood is hand selected for deep, rich tonal qualities. This allows the Naylor cabinets to maintain excellent low end response and harmonically rich tone, in a smaller compact package.

**FRONT LOADED SPEAKERS** - The cabinet front grill is removable to allow easy access to the front loaded speakers. To remove the front grill remove all mounting screws and pry out slowly with a large flat head screwdriver inserted into one of the corners. Do not use the screws to pull out the front grill or you may seriously damage the grill cloth.

#### **OPERATION & SAFETY:**

- ◆ Use a proper **SPEAKER CABLE**, no smaller than 18 gauge wire. **DO NOT** use shielded guitar cable for speaker hookup. Failure to do so could seriously damage amplifier.
- ◆ Speaker cabinet(s) total impedance (ohms) must match amplifier impedance (ohms), or serious amplifier damage could result. The impedance of your Naylor cabinet is indicated on the back of the cabinet under the input jack.
- ◆ When using two cabinets, divide the impedance of one cabinet by two to arrive at the correct amplifier impedance. **ALWAYS** use two cabinets with the same impedance (ohms) when using two cabinets with an amplifier. (Example: for two 16 ohm cabinets amplifier must be at 8 ohms.)
- ◆ The power rating (watts R.M.S.) of the cabinet(s) must be equal to or greater than the power rating (watts R.M.S.) of the amplifier, or serious speaker damage could result. The power ratings for the cabinet models are: 112CC - 50 watts; 210CC - 80 watts; 410CC - 160 watts; 212CC - 100 watts ; 412CC - 200 watts. Wattage ratings listed are R.M.S.
- ◆ To prevent ear damage, do not position yourself (or any one else) directly in front of (or behind rear vented) speaker cabinets during high volume operation. Hearing protection is recommended during high volume operation.
- ◆ **DO NOT** attempt to stack cabinets on an unlevelled or unstable surface, or serious personal injury could result.

#### **MAINTENANCE:**

**VINYL COVERING** - The cabinet is covered with vinyl. This can be cleaned with a soft cloth dampened with water and a small amount of mild soap.

**REPAIRS** - Repairs should only be performed by Naylor Engineering. or authorized service centers. Unauthorized repairs will void warranty. If you can not locate an authorized service center contact Naylor Engineering

If you have any questions or need assistance, please contact Naylor Engineering at (214) 946-2556 Monday - Friday 9:00 AM - 5:00 PM, CST.