

MA/MAC6700 Rear Panel Connections

DIGITAL AUDIO INPUTS for components with Digital Optical (1) and Coaxial (2) Outputs sending digital audio signals

Reserved for the installation of optional Tuner Module for the MA6700. A Tuner Module is factory installed in the MAC6700

RS232-C connector¹ for connection to a computer or other control device

POWER CONTROL TRIGGER outputs 1 and 2 send turn On/Off signals to assignable components

USB D/A Digital Audio Input for connection to a computer

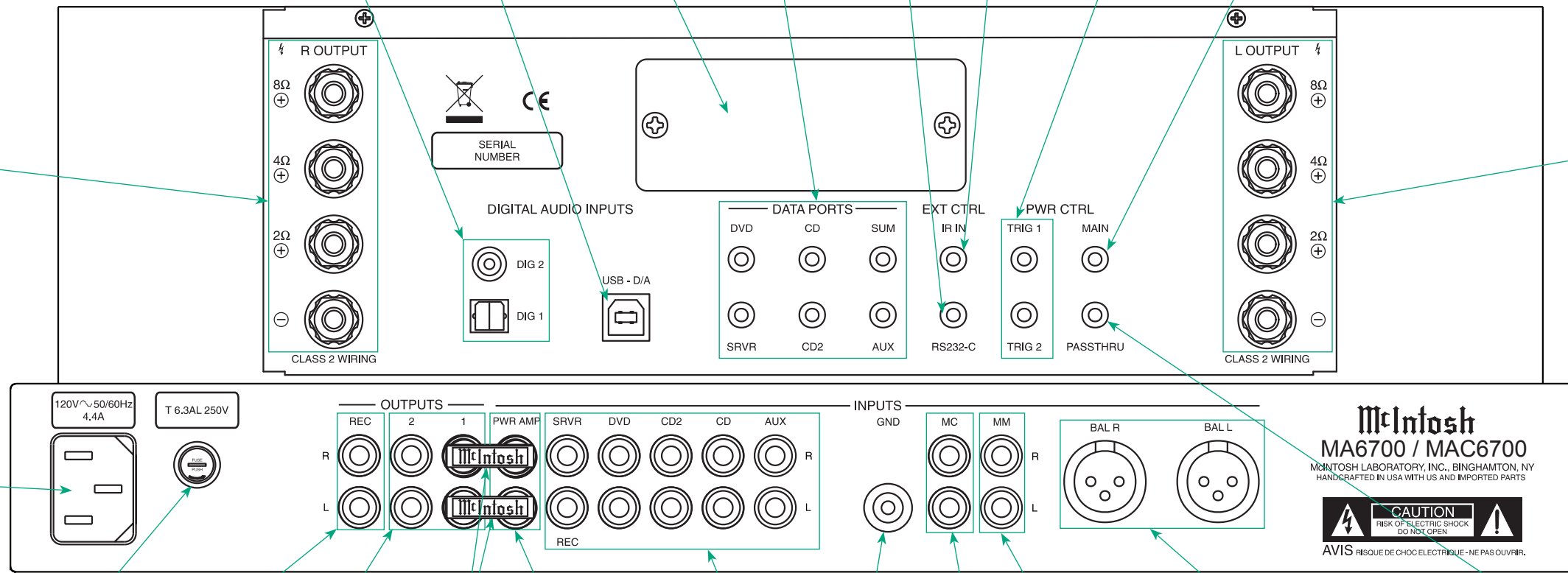
DATA PORTS send signals to Source Components to allow control with the MA/MAC6700 Remote Control

IR INput for signals from a compatible IR Room Sensor

POWER CONTROL MAIN Output sends turn On/Off signals to a McIntosh Component when the MA/MAC6700 is switched On/Off

RIGHT OUTPUT connections for a 2, 4 or 8 ohm loudspeaker

LEFT OUTPUT connections for a 2, 4 or 8 ohm loudspeaker



Connect the MA/MAC6700 power cord to a live AC outlet. Refer to information on the back panel of your MA/MAC6700 to determine the correct voltage for your unit

RECORD OUT sends signals to the input of a recording device

JUMPER PLUGS connect the Preamplifier OUTPUT 1 Jacks to the PWR AMP IN Jacks and are required for normal operation

SRVR(REC), DVD, CD2, CD and AUX INPUTS accept high level program source signals

PHONO MC accepts the low level signals from a Moving Coil Phono Cartridge

BALANCED INPUTS accept high level program source signals

PASSTHRU Power Control Input receives turn On/Off signals from an Audio/Video Control Center

Main Fuse holder, refer to information on the back panel of your MA/MAC6700 to determine the correct fuse size and rating

OUTPUTS 1 and 2 send signals to Power Amplifiers and are switched On/Off with the Front Panel Output 1 and 2 Push-Buttons or Remote Control Push-Buttons

PWR AMP input accepts signals from the internal Preamplifier or a separate external Preamplifier

GND terminal accepts a ground wire from a turntable

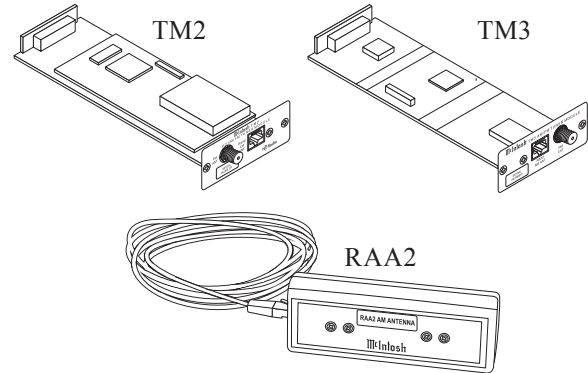
PHONO MM accepts signals from a Moving Magnet Phono Cartridge

¹ Refer to page 5 of the MA/MAC6700 Owner's Manual for addition cable information.

General Information

The McIntosh TM2 or TM3 Tuner Module together with the McIntosh RAA2 AM Antenna adds AM and FM Radio Broadcast Reception to the MA6700 Integrated Amplifier. The instructions in this guide are for installing the TM2 or TM3 into the MA6700.

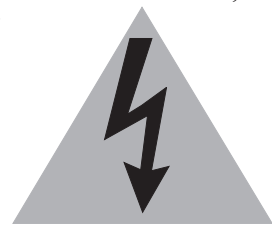
The TM2 and TM3 Tuner Modules are not a user installable product. It must be installed by the Technical Professionals at a McIntosh Dealer only.



CAUTION: To prevent the risk of electric shock, first remove the AC Power Cord from the MA6700 Rear Panel before installing the TM Module into the MA6700.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

ATTENTION
DANGER D'ELECTROCUTION
NE PAS OUVRIR

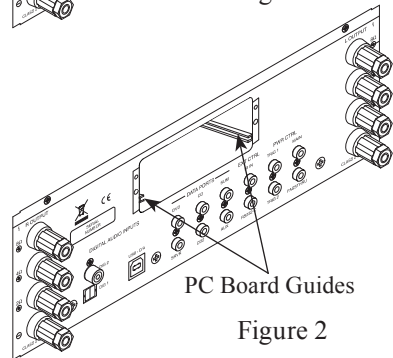
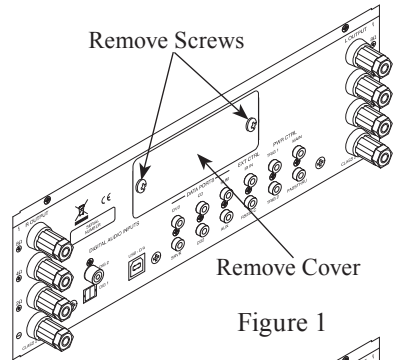


- The semiconductor devices used in the TM Module are inherently sensitive to static electricity even when connected in a circuit, and can be permanently damaged by a static electricity discharge. When handling the TM Module follow the procedures below to insure against static electricity damage.
 - Make sure the MA6700 is properly grounded.
 - Use an approved wrist strap that is grounded.
 - Remove the TM Module from the Anti-Static Bag and work with it only after the above conditions have been met.

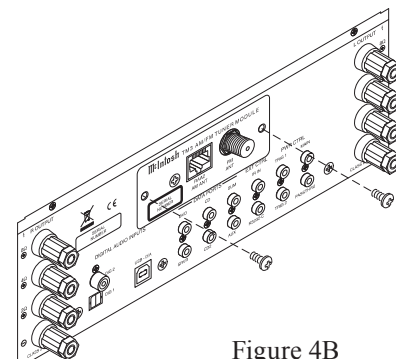
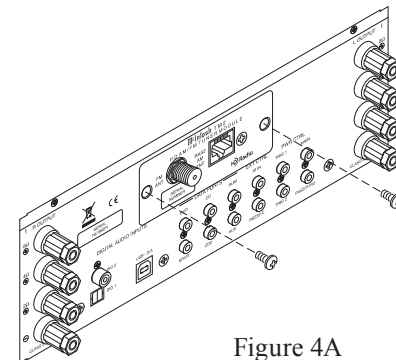
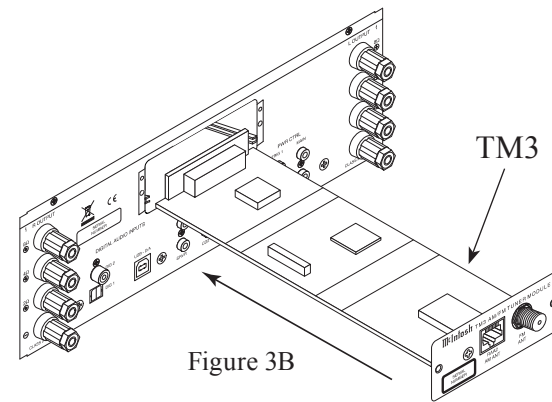
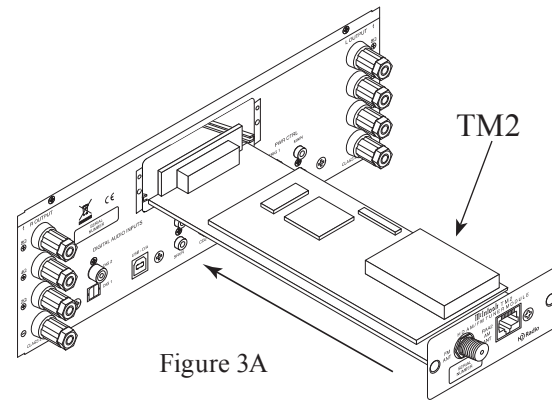
Installing the Tuner Module

- If the MA6700 Integrated Amplifier is connected to AC Power, remove the AC Cord from the Rear Panel.
- Remove two screws from the MA6700 Rear Cover and retain the two screws as they will be used later to secure the Tuner Module. Refer to figure 1 and 2.

Note: Retain the cover for possible future use.



- Using the safe handling procedure outlined, in the "General Information", remove the Tuner Module from the Anti-Static Bag.
- Orient the Tuner Module so the electronic component parts on the PC Board are facing upwards and line up the side edges of the tuner module with the PC Board Guides located inside the MA6700 Metal Cage. Refer to figures 2, 3A (TM2) or 3B (TM3).
- Insert the Tuner Module all the way into the MA6700 and secure the Tuner Module Metal Plate to the rear panel of the MA6700 with the two previously removed screws. Refer to figures 4A (TM2) or 4B (TM3).
- Proceed to "Connecting the Tuner Module" to the external Antennas.



Connecting Antennas

- Using the supplied AM Antenna Shielded Cable, connect one end into the RAA2 AM Antenna jack and the other end of the same cable into the MA6700 Tuner jack labeled RAA2 AM ANT. Refer to figure 5A with a TM2 installed and figure 5B with a TM3 installed.

Note: If a longer AM Antenna Cable is needed, refer to page 5 "Connector and Cable Information".

- Connect a FM Dipole Antenna to the MA6700 75 Ohm FM ANT Connector. Refer to figure 5A for a TM2 installed and figure 5B for a TM3.

Note: Optionally, connect a 75 ohm coax cable from a FM Antenna or cable system. For more information about a FM Dipole Antenna, refer to page 5.

- Proceed to "Connecting Loudspeakers" in the MA6700 Owner's Manual page 14.

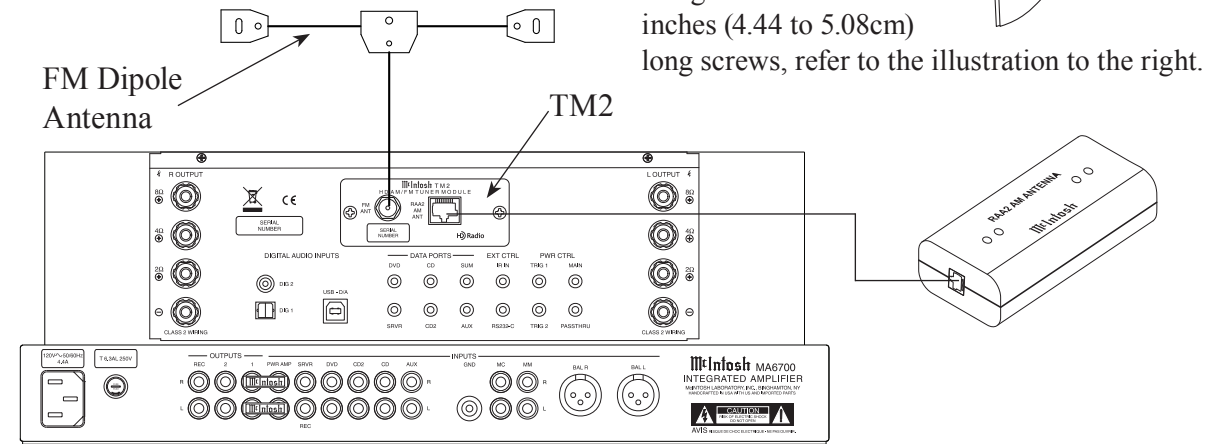


Figure 5A

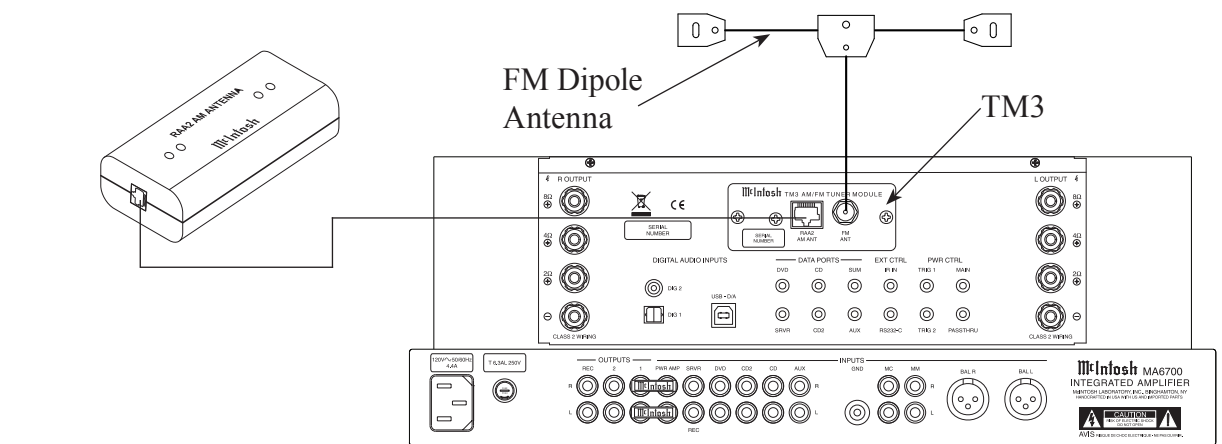
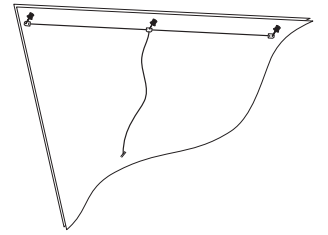


Figure 5B

Mounting the FM Dipole Antenna

Tune to a station with the weakest signal and orient the top of the "T" shaped Dipole Antenna for maximum signal with minimum noise and distortion. After the location is determined, the FM Dipole Antenna may be secured to a suitable surface by using push pins, refer to the illustration to the right.



Mounting the RAA2 AM Antenna

Tune to a station with the weakest signal and orient the RAA2 Antenna for maximum signal with minimum noise and distortion. After the location is determined, the RAA2 AM Antenna may be secured to a suitable surface by using two #6 1-3/4 to 2 inches (4.44 to 5.08cm) long screws, refer to the illustration to the right.

