MA/MAC6700 Rear Panel Connections

1. 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.

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

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

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

5. IR Input for signals from a compatible IR Room Sensor.

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

7. RS232-C connector for connection to a computer or other control device.

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

9. PHONO MM accepts signals from a Moving Magnet Phono Cartridge.

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

11. BALANCED INPUTS accept high level program source signals.

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

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

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

15. 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.

16. POWER AMP IN Jacks accept signals from the internal Preamplifier or a separate external Preamplifier.

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

18. PHONO BARREL accepts signals from a Moving Magnet Phono Cartridge.

19. PHONO MM accepts signals from a Moving Magnet Phono Cartridge.

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

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

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

23. RECORD OUT sends signals to the input of a recording device.

24. SER V R (REC), DVD, CD, and AUX INPUTS accept high level program source signals.

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

26. BALANCED INPUTS accept high level program source signals.

1 Refer to page 5 of the MA/MAC6700 Owner’s Manual for additional 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.

1. 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.
   A. Make sure the MA6700 is properly grounded.
   B. Use an approved wrist strap that is grounded.
   C. 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**

1. If the MA6700 Integrated Amplifier is connected to AC Power, remove the AC Cord from the Rear Panel.
2. 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.*
3. Using the safe handling procedure outlined, in the “General Information”, remove the Tuner Module from the Anti-Static Bag.
4. 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).
5. 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).
6. Proceed to “Connecting the Tuner Module” to the external Antennas.

**Connecting Antennas**

1. 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”.
2. 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.

**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.