



The following information was not available at the time the C500 Owner's Manual was printed.

The McIntosh C500 Preamplifier is now supplied with a New Remote Control and an Auto Off Power Save Feature.

Refer to the following pages for updated information instead of pages 4-5, 16-22 and 26-27 contained in the Owners Manual. The same page numbers as the original manual have been retained.

Thank you.



C500 Owner's Manual Addendum



Important Information

WARNING: The McIntosh C500 is a two chassis design, with separate Preamplifier and Controller chassis. There are custom interconnecting cables and custom chassis sockets used to connect the two chassis together.

Use **ONLY** the custom interconnect cables supplied with the C500 to connect the chassis together.

DO NOT connect the C500 Left and Right 25-Pin Chassis Sockets to any other component. Failure to observe the above warnings will result in damage to the components connected.

1. The C500 System consists of two separate chassis, one Controller and one Preamplifier. The C500 Controller Chassis will be referred to as the C500C throughout this Owner's Manual. In a similar manner, the C500 Preamplifier (Solid State) Chassis will be referred to as the C500P and the C500 Tube Preamplifier Chassis will be referred to as the C500T throughout this Owner's Manual.
2. For additional information on Audio Connections, refer to the Owner's Manual(s) for the component(s).
3. Connecting Cable is available from the McIntosh Parts Department:

Controller to Preamplifier Cable Part No. 171-872

Three foot, shielded 23 conductor, male-to-female custom cable, two required between Controller and Preamplifier. Do not use any other cable when connecting the C500 Controller to the C500 Preamplifier or C500 Tube Preamplifier. This cable is for use only with the C500 Controller and Preamplifier.

4. The Main AC Power Cable going to the C500C and any other McIntosh Component(s) should not be connected to an AC Power Outlet until all the system components are connected together. When the C500C and other McIntosh Components are in their Standby Power Off Mode, the Microprocessor's Circuitry inside each component is active and communication is occurring between them. Failure to do so could result in malfunctioning of some or all of the system's normal operations.
5. Up to two sensors can be wired in parallel for Remote Control of the C500 from other rooms.
6. Balanced and Unbalanced Inputs and Outputs can be mixed. For example, you may connect signal sources to Unbalanced Inputs and send signals from the Balanced Outputs. You can also use Balanced and Unbalanced outputs simultaneously, connected to different power amplifiers.
7. Sound Intensity is measured in units called Decibels and "dB" is the abbreviation.
8. If the C500P and/or C500T Preamplifiers 23-conductor custom interconnect cable(s) becomes temporarily disconnected from the C500C when it is On or in Stand-by Mode, a cable error message will appear on the C500C. Remove the AC Power Cord from the C500C, connect the disconnected 23-conductor custom interconnect cable(s) and then reconnect the AC Power Cord. The C500 System will

automatically reset itself to the previous configuration.

9. The Remote Control Supplied with the C500 Preamplifier is capable of operating other components. For additional information go to www.mcintoshlabs.com.

10. When discarding the unit, comply with local rules or regulations. Batteries should never be thrown away or incinerated but disposed of in accordance with the local regulations concerning battery disposal.

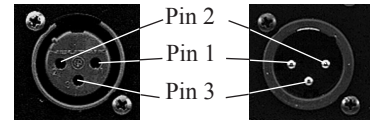


Connector Information

XLR Connectors

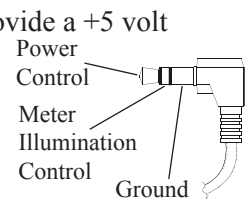
Below is the Pin configuration for the XLR Balanced Input and Output Connectors on the C500 Preamplifier. Refer to the diagram for connection:

- PIN 1: Shield/Ground
- PIN 2: + Signal
- PIN 3: - Signal



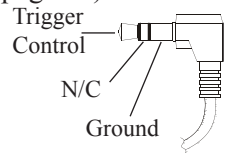
Main Power Control Connectors

The C500's Power Control Outputs provide a +5 volt signal. An additional connection is for controlling the illumination of a Power Amplifier Output Meter. Use a 1/8 inch stereo mini phone plug to connect to the Power Control Input on other McIntosh Components.



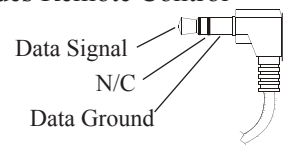
Trigger Control Connectors

The C500's Trigger Control Outputs provide either a +5 volt (default) or +12 volt signal (refer to page 18). Use a 1/8 inch stereo mini phone plug to connect to the Power Control Input on McIntosh and/or non-McIntosh components.



Data and IR Port Connectors

The C500's Data Port Output provides Remote Control Signals. Use a 1/8 inch stereo mini phone plug to connect to the Data Port Inputs on McIntosh Source Units.



Introduction

The C500 Preamplifier with a Controller is one of the finest audio preamplifiers McIntosh has ever created. No design compromises were allowed in the quest for a preamplifier, both Solid State and Tube with absolute accuracy, total sonic purity and virtual elimination of distortion and audible noise. For those who have been searching for the "Best in Preamplifiers", your wait is over.

Performance Features

- **Dual Chassis with Dual Mono Design**

The Dual Chassis design completely separates all power supply, microprocessor and control circuits from the pure audio circuits for total noise isolation. To further aid in channel isolation the circuitry for both channels is totally separate, physically isolated and shielded. The C500 incorporates two identical power supplies one for each channel, to help assure total channel isolation.

- **Balanced and Unbalanced Inputs/Outputs**

Four balanced high level inputs and three balanced main outputs are provided. Four high level unbalanced inputs, two unbalanced outputs as well as listen and record processor loops are included.

- **Moving Coil and Moving Magnet Phono Inputs**

The C500 contains two different shielded precision Phono Preamplifier Circuits. One is designed for low output Moving Coil Phono Cartridges and has selectable resistance loading. The second Phono Preamplifier is for Moving Magnet Cartridges and has selectable capacitive loading. Both circuits use the latest designs to provide the lowest possible noise and distortion. The RIAA Correction Equalization Circuitry utilizes 0.5% tolerance resistors and 1% capacitors for an extremely flat frequency response.

- **Input Level Trim Adjustment**

All the C500 Inputs can be matched in volume level, so there are no abrupt changes in volume levels between the different inputs.

- **Precision Tracking Variable Rate Volume Control**

Volume levels are controlled by a Multi-Stage Precision Digitally Controlled Attenuator System with an Optical Encoder Rotary Control. This helps to assure a tracking accuracy between channels of 0.1dB, while providing 213 individual 0.5dB steps of change in the volume level and all of this with no noise as the volume level is changed.

- **Balance Control**

The Balance Control Circuitry allows for precise and repeatable change in channel balance in 1dB steps.

- **Alphanumeric Fluorescent Display**

The Multifunction Front Panel Display indicates the Listen and Record Source Selection, with Volume indicated in dB or percentage and Balance Levels in dB. Setup Mode Selections and Adjustments are also displayed.

- **Precision Parts**

All resistors are precision metal film type. Low dielectric absorption film capacitors are used in all critical circuit locations.

- **Passthru Mode**

The Automatic Passthru Mode allows the C500 to become part of a Multichannel Sound System for DVD-Audio, SACD and Home Theater Movies.

- **Remote Control**

The Remote Control included with the C500 allows remote operation of the Preamplifier along with controlling various other McIntosh Source Components and Processors.

- **Optional External Sensor Input**

There are provisions for connecting external sensors, which allow for enjoying your McIntosh System from another room(s) in your home via the remote control.

- **Power Control Output**

A Power Control connection for convenient turn-on of McIntosh Source Components, McIntosh Power Amplifiers and accessories is included.

- **Glass Front Panel with Fiber Optic Illumination**

The famous McIntosh Illuminated Glass Front Panel ensures the pristine beauty of the C500 will be retained for many years. The Illumination of the Front Panel is accomplished by the combination of custom designed Fiber Optic Light Diffusers and Light Emitting Diodes (LEDs). This provides even Front Panel Illumination, together with the extra long life LEDs.

- **Extruded Side Panels**

The sides of the C500 are extruded aluminum panels with a bead blast textured surface and a black anodized finish.

- **Special Power Supply**

Fully regulated Power Supplies, one for each channel, utilize special R-Core Power Transformers helping to ensure stable noise free operation even though the power line varies.



How to Operate the Setup Modes

Your McIntosh C500 has been factory configured for default operating settings that will allow immediately enjoyment of superb audio without the need for further adjustments. If you wish to make changes to the factory default settings, a Setup Feature is provided to customize the operating settings using the Front Panel Alphanumeric Display on the C500C Controller. The setup functions available for change and/or adjustments are dependent upon connection of the Preamp(s) C500P or C500T connected to the C500C Controller.

1. The Red LED above the STANDBY/ON push-button lights to indicate the C500 is in Standby mode and is connected to a live AC Outlet. To switch On the C500, press the STANDBY/ON push-button. Refer to figure 2. The Alphanumeric Display will indicate the last input listened to. If this is the first time the C500 is switched on, the display will indicate "15 TUNER", refer to figure 3.



Figure 3

Note: Dependent upon which Preamp(s) (C500P or C500T) is connected to the C500C, the Front Panel Alphanumeric Display will indicate different operational messages when switched On, refer to page 28 for additional information. If the Front Panel Alphanumeric Display indicates CABLE ERROR, remove the AC Power Cord from the Rear Panel of the C500C. Refer to figure 4. Then check to verify that both interconnect cables coming from the C500P or C500T are connected to the correct sockets on the Rear Panel of the C500C. Refer to page 12. After correcting the cable connection error, reconnect the AC Power Cord to the Rear Panel of the C500C. Perform Step one again.



Figure 4

2. Press the C500C Front Panel SETUP push-button once. The LED above the SETUP Push-button will illuminate and the Front Panel Display will indicate CONTROLLER. The "Controller" is the first of the two main menus. The second main menu is named "Preamp" and will be accessed in step 5. Refer to figures 2 and 5.



Figure 5

3. Rotate the BALANCE (Menu) Control and notice that the Setup Controller Setup Mode advances through seven different possible adjustment selections and one informational display.

Note: When in SETUP MODE, it may be necessary to rotate the Controls BALANCE (Menu), RECORD (Select 1) and LISTEN (Select 2) either clockwise or counter-clockwise to the desired function or setting.

4. Press the SETUP Push-button to exit the CONTROLLER Menu, the LED above the SETUP Push-button will extinguish and the Front Panel Display will revert back to its normal display. Refer to figure 3.
5. Now Press the SETUP Push-button twice to enter the PREAMP Setup Menu. Refer to figure 6.



Figure 6

6. Rotate the BALANCE (Menu) Control and notice that the Setup Preamp Mode advances through nine different possible adjustment selections.

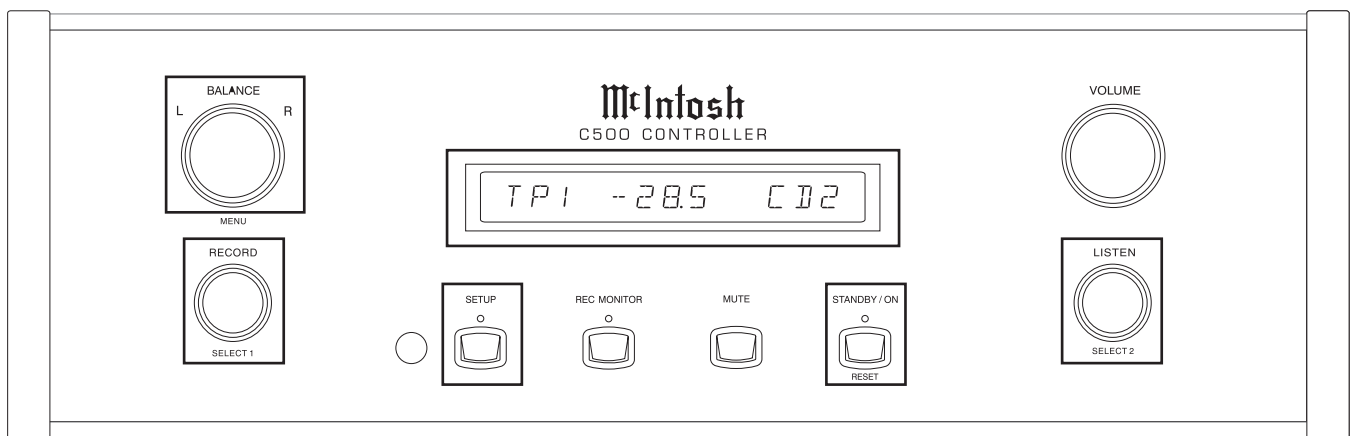


Figure 2

- To exit from the Setup Preamp Mode press the SETUP Push-button, the LED above the SETUP Push-button will extinguish and the Front Panel Display will revert back to its normal display. Refer to figure 3.

Default Settings

The following listings indicate the Setup Menu Mode (Controller or Preamp), Menu Name, Default Setting and the page number for instructions on how to change a setting.

Menu	Function Name	Setting	Page No.
Control	Version (C500 Firmware)	-- --	17
Control	Display (Brightness)	7	17
Control	Remote (Control)	HR061	17
Control	Meter (Illumination)	ON	18
Control	Volume (Display)	Percent	18
Control	Trigger A Lvl (Rear Panel Jack)	5V	18
Control	Trigger B Lvl (Rear Panel Jack)	5V	19
Control	Triamp (Balanced Outputs)	OFF	18
Control	D/A Ctrl (MDA1000)	OFF	19
Control	Auto Off	ON	20
Preamp	Input 3 (Title of Inputs)	TUN	20
Preamp	D Port (Assignment to Input)	Note 2	21
Preamp	Trim (Input Source Level)	0.0	21
Preamp	Trigger (Input Source)	--	22
Preamp	ACC Control (Remote Con.)	--	22
Preamp	LPROC (Listen Processor)	NONE	23
Preamp	RPROC (Record Processor)	NONE	23
Preamp	MM (Phono Capacitance)	50PF	24
Preamp	MC (Phono Resistance)	25 OHM	24
Preamp	Passthru (Multichannel)	OFF	24

Notes: 1. Charts on page 25 allow for recording any changes made to the default settings.

2. The D. Port default assignment is the same as the C500 Controller Rear Panel Data Port Labeling.

Firmware Version

The C500 functionality is controlled by internal software that is known as Firmware. The Version of the Firmware in the C500 can be identified at any time by utilizing the Setup Controller Mode.

- Press the SETUP Push-button once to access the Setup Controller Mode.
- Rotate the MENU Control until VERSION 1.0 or higher appears. Refer to figure 7.



Figure 7

- The number after the character V is the Firmware number.

- If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Controller Mode or proceed to the next desired Setup Controller Mode for adjustment.

Display Brightness

The Front Panel Alphanumeric DISPLAY Brightness may be varied from a setting of 1 (Dim) to 7 (Bright). Follow the steps below for reducing the Display Brightness.

- Press the SETUP Push-button once to access the Setup Controller Mode unless the C500C is already in the Setup Controller Mode.
- Rotate the MENU Control until the word "DISPLAY 7" appears. Refer to figure 8.



Figure 8

- Rotate the SELECT 2 Control until the Front Panel Alphanumeric Display indicates "DISPLAY 5" or the desired Brightness is achieved. Refer to figure 9.



Figure 9

- If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Controller Mode or proceed to the next desired Setup Controller Mode for adjustment.

Remote Control

The C500 Preamplifier default setting for remote control operation is for the supplied McIntosh HR061 Remote Control. The setting may be changed to allow the C500 to work with the legacy HR054 Remote Control by performing the following steps:

- Press the SETUP Push-button once to access the Setup Controller Mode unless the C500C is already in the Setup Controller Mode.
- Rotate the MENU Control until the words "REMOTE HR061" appears. Refer to figure 9A.



Figure 9A

- Rotate the SELECT 2 Control counterclockwise until the Front Panel Alphanumeric Display indicates

REMOTE HR054. Refer to figure 9B.



Figure 9B

4. If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Controller Mode or proceed to the next desired Setup Controller Mode for adjustment.

Meter Illumination

The Front Panel Meter Illumination of the C500P or C500T Preamplifiers may be switched Off. Follow the steps below:

1. Press the SETUP Push-button once to access the Setup Controller Mode unless the C500C is already in the Setup Controller Mode.
2. Rotate the MENU Control until the words “METER ON” appears. Refer to figure 10.



Figure 10

3. Rotate the SELECT 2 Control until the Front Panel Alphanumeric Display indicates “METER OFF”. Refer to figure 11.



Figure 11

4. If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Controller Mode or proceed to the next desired Setup Controller Mode for adjustment.

Volume Display

The Front Panel Alphanumeric Display of the current volume setting may be indicated either as a Percentage of the maximum volume (0 - 100%) or in Decibels (-92.0dB to +15.0dB). To change the display to Decibels follow the steps below:

1. Press the SETUP Push-button once to access the Setup Controller Mode unless the C500C is already in the Setup Controller Mode.
2. Rotate the MENU Control until the words “VOL PERCENT” appears. Refer to figure 12.



Figure 12

3. Rotate the SELECT 2 Control until the Front Panel Alphanumeric Display indicates “VOL DECIBEL”. Refer to figure 13.



Figure 13

4. If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Controller Mode or proceed to the next desired Setup Controller Mode for adjustment.

Trigger A Voltage (Power Control)

The Rear Panel Trigger A Jack can provide either a 5 or 12 Volt Output when activated, with 5 Volts as the default. McIntosh Components with Power Control utilize 5 Volts; non-McIntosh components when connected to the C500C might require a higher voltage to switch them On or Off. To change the output voltage to 12 volts follow the steps below:

1. Press the SETUP Push-button once to access the Setup Controller Mode unless the C500C is already in the Setup Controller Mode.
2. Rotate the MENU Control until the words “TRIGA LVL 5V” appears. Refer to figure 14.



Figure 14

3. Rotate the SELECT 2 Control until the Front Panel Alphanumeric Display indicates “TRIGA LVL 12V”. Refer to figure 15.



Figure 15

4. If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Controller Mode or proceed to the next desired Setup Controller Mode for adjustment.

Trigger B Voltage (Power Control)

The Rear Panel Trigger B Jack can provide either a 5 or 12 Volt Output when activated, with 5 Volts as the default. McIntosh Components with Power Control utilize 5 Volts; non-McIntosh components when connected to the C500C might require a higher voltage to switch them On or Off. To change the output voltage to 12 volts follow the steps below:

1. Press the SETUP Push-button once to access the Setup Controller Mode unless the C500C is already in the Setup Controller Mode.
2. Rotate the MENU Control until the words "TRIGB LVL 5V" appears. Refer to figure 16.



Figure 16

3. Rotate the SELECT 2 Control until the Front Panel Alphanumeric Display indicates "TRIGB LVL 12V". Refer to figure 17.



Figure 17

4. If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Controller Mode or proceed to the next desired Setup Controller Mode for adjustment.

Triamp (Balanced Outputs)

The C500P and C500T Preamplifiers provide three Balanced XLR Output Connectors for each channel. One Output is labeled MAIN (non-switched) and two additional Outputs MAIN/SPKR1 and MAIN/SPKR2 (switched On or Off by using the Remote Control). Outputs MAIN/SPKR1 and MAIN/SPKR2 may be configured to remain On along with the MAIN Output for use in systems with three Power Amplifiers per channel. To change the MAIN/SPKR1 and MAIN/SPKR2 Outputs perform the following steps:

1. Press the SETUP Push-button once to access the Setup Controller Mode unless the C500C is already in the Setup Controller Mode.
2. Rotate the MENU Control until the words "TRIAMP OFF" appears. Refer to figure 18.



Figure 18

3. Rotate the SELECT 2 Control until the Front Panel Alphanumeric Display indicates "TRIAMP ON". Refer to figure 19.



Figure 19

Note: The Unbalanced SPKR1 and SPKR2 Main Outputs are still controllable (On or Off) with the Remote Control.

4. If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Controller Mode or proceed to the next desired Setup Controller Mode for adjustment.

D/A Control (McIntosh MDA1000)

When the McIntosh MDA1000 D/A Converter and MCD1000 CD Player are connected to the C500 Controller there are special functions to enhanced operation of the D/A Converter with the C500. The following steps activate these functions:

1. Press the SETUP Push-button once to access the Setup Controller Mode unless the C500C is already in the Setup Controller Mode.
2. Rotate the MENU Control until the words "D/A CTRL OFF" appears. Refer to figure 20.



Figure 20

3. Rotate the SELECT 2 Control until the Front Panel Alphanumeric Display indicates "D/A CTRL ON". Refer to figure 21.



Figure 21

4. Rotate the Menu Control until the words "D/A INP1 ON" appears. Refer to figure 22.



Figure 22

In the following step the memory of the C500C will be updated to reflect the assignment of active Digital Inputs on the MDA1000. This will prevent having to go through unused inputs when changing the D/A Inputs by using either the C500 Front Panel Controls or the Remote Control.

5. Rotate the SELECT 2 Control to select On or Off for "D/A INPut 1".

6. Rotate the SELECT 1 Control to select the next input, “D/A INPut 2”.
7. Rotate the SELECT 2 Control to select On or Off for the next “D/A INPut 2”.
8. Repeat steps 6 and 7 until all seven of the MDA1000 Input Assignments have been entered into the C500 Memory.
9. Rotate the MENU Control until the words “PROG DP SUM” appears. Refer to figure 23.



Figure 23

10. Rotate the SELECT 2 Control to select the Digital Input of the MDA1000 that the MCD1000 is connected to. Refer to figure 24.



Figure 24

11. Press the SETUP Push-button to exit the Setup Controller Mode.

Auto Off

The C500 incorporates an Auto Off Feature, which automatically places the preamplifier into the Power Saving Standby/Off Mode. This occurs approximately 2 hours after there has been an absence of user activity (includes changes to any of the Operation Functions such as source selection, volume adjustment, etc). If it is desirable to disable the Auto Off Feature perform the following steps:

1. Press the SETUP Push-button once to access the Setup Controller Mode, unless the C500C is already in the Setup Controller Mode.
2. Rotate the MENU Control until the words “AUTO OFF YES” appears. Refer to figure A.



Figure A

3. Rotate the SELECT 2 Control until the Front Panel Alphanumeric Display indicates “AUTO OFF NO”. Refer to figure B.



Figure B

4. Press the SETUP Push-button to exit the Setup Controller Mode.

Input Selection and Title Reassignment

The C500 has nine Audio Inputs, which includes seven high level inputs, two dedicated Phono Inputs and two external processor loops. These inputs already have assigned titles that will allow for immediate hookup, operation and enjoyment.

If the default Input Titles for the High Level Inputs do not match up with components in your system they may be reassigned. The following example will illustrate how to rename the AUX Input to DVD2. When the Input Selector is rotated to select what was originally the AUX Input, DVD2 will now appear on the Front Panel Alphanumeric Display.

Notes: 1. Unused Inputs may be switched Off so they will not appear when going through the input source choices using the LISTEN Control, RECORD Control or when using the Remote Control. Refer to figure 25.



Figure 25

2. The Alphanumeric Display will indicate the default Title for the Input number selected with a dot appearing to the right of the Title. Refer to figure 26a.



Figure 26a

3. The Input Titles choices available for the High Level Inputs start with DVD2, AUX2, TUN2, SVR2, CDR2, or CD2.
4. The PHONO MM and PHONO MC Inputs Titles are fixed, however they may be switched On or Off.

1. Press the SETUP Push-button twice to access the Setup Preamp Mode unless the C500C is already in the Setup Preamp Mode.
2. Rotate the MENU Control until the Alphanumeric Display indicates “INPUT 3 TUN•” appears. Refer to figure 26a.
3. Rotate the SELECT 1 Control until the Display indicates “INPUT 2 AUX•”. Refer to figure 26b.



Figure 26b

4. Rotate the SELECT 2 Control until the Display indicates “INPUT 2 DVD2”. Refer to figure 27.



Figure 27

- Repeat steps 3 and 4 until all the Inputs have the desired Title or are switched Off.
- If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Preamp Mode or proceed to the next desired Setup Preamp Mode for adjustment.

- If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Preamp Mode or proceed to the next desired Setup Preamp Mode for adjustment.

Data Port Assignment

The Data Control Ports on the C500 Controller by default are assigned to control just one input (1 thru 7) on the Pre-amplifier.

In the following example there are two McIntosh CD Players, one connected to the CD Balanced Input number 6 and the other CD Player connected to the CDR Unbalanced Input number 5 on the Preamplifier. Both CD Players will share the same DATA PORT number 6 by performing the following steps:

- Press the SETUP Push-button twice to access the Setup Preamp Mode unless the C500C is already in the Setup Preamp Mode.
- Rotate the MENU Control until the Alphanumeric Display indicates D PORT _ _ _ _ .
- Rotate the SELECT 1 Control until the desired Input Title to be changed appears in the Display, e.g. "D PORT CDR 5". Refer to figure 29.



Figure 29

- Rotate the SELECT 2 Control until the number 2 appears in the Display, e.g. "D PORT CDR 6". Refer to figure 30.



Figure 30

Note: Connect a 1/8 inch Stereo Mini "Y" adapter to Data Port number 6 on the C500 Controller. From each leg of the "Y" adapter connect a Cable to the Data In jacks on each CD Player.

- If there are any other Data Port re-assignments to be made, repeat steps 3 and 4.

Note: DATA PORTS may also be switched off by selecting "--" using the SELECT 2 Control Refer to figure 31.



Figure 31

Trim Level Adjustment

Various source components can have slightly different volume levels. This could result in the constant need to re-adjust the C500 Volume Control when switching between different Input Sources. The Level Input Trim Feature on the C500 Controller allows the adjustment of levels for each of the Source Inputs, so that they have the same relative volume. The Tuner and CD Inputs are used in the following example.

Notes: The possible range of adjustment in volume level is $\pm 6\text{dB}$. The Tape/Record Output Levels are unaffected by any changes in the Level Trim Settings. Any LEVEL Trim adjustments made are retained in permanent memory and can be changed only by performing a new Level Trim Procedure. The Tuner Input Volume Level can serve as a reference or choose another Input Source that is frequently listened to as the reference. The reference Input Source should be set to a Level of 00.

- Rotate the SELECT 2 Control to select the Tuner Input and adjust the VOLUME Control to the desired listening level. Refer to figure 32 .

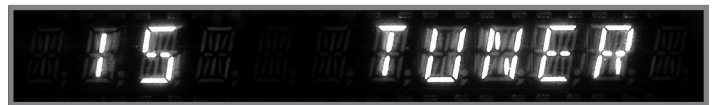


Figure 32

Note: If the C500 Controller is in the SETUP Mode, exit before proceeding.

- Press the SETUP Push-button twice to access the Setup Preamp Mode, unless the C500C is already in the Setup Preamp Mode.
- Rotate the MENU Control until the words "TRIM 0.0 TUN" appears. Refer to figure 33.



Figure 33

Note: The Level Input Trim can also be set via the Remote Control.

- If necessary, rotate the SELECT 2 Control until the word TUN appears on the right side of the Front Panel Alphanumeric Display, "TRIM 0.0 TUN".
- If necessary, rotate the SELECT 1 Control until two zeros appears in the center of the Front Panel Alphanumeric Display, "TRIM 0.0 TUN".

- Rotate the SELECT 2 Control until the word CD appears on the right side of the Front Panel Alphanumeric Display, “TRIM 0.0 CD”. Refer to figure 34.



Figure 34

- Rotate the SELECT 1 Control until the Volume Level of the CD Input is the same as the Tuner Volume Level. Figure 35 indicates a 3.0dB decrease in the CD Level.



Figure 35

- Rotate the SELECT 2 Control until the next desired Input Source Name is displayed.
- Repeat steps 6, 7 and 8 until all the Inputs with sources connected to the C500 have the same relative volume levels when switching between them.
- If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Preamp Mode or proceed to the next desired Setup Preamp Mode for adjustment.

Trigger Selection

The Trigger A and B Power Control Outputs on the C500 Controller are reassignable from their default settings to activate only when a given Input(s) is selected. To change either Trigger A or B from the default setting perform the following steps:

Note: Power Control Cables coming from the components to be controlled need to be connected to the correct Trigger Jack on the Rear Panel of the C500C to function.

- Press the SETUP Push-button twice to access the Setup Preamp Mode unless the C500C is already in the Setup Preamp Mode.
- Rotate the MENU Control until the Alphanumeric Display indicates “TRIG TUN --”. Refer to figure 36.



Figure 36

- Rotate the SELECT 1 Control until the desired Input Title to be changed appears in the Display, e.g. “TRIG DVD --” .
- Rotate the SELECT 2 Control until the desired Trigger A or B (in this example the DVD Input will activate the Trigger A Jack) appears in the Display, e.g. “TRIG DVD A”. Refer to figure 37.



Figure 37

Note: Additional Inputs may also be assigned in the same manner to also activate Trigger A.

- If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Preamp Mode or proceed to the next desired Setup Preamp Mode for adjustment.

Accessory Control

When the Trigger A or B Power Control Outputs on the C500 Controller are used, one of the Triggers may be assigned to switched On or Off by using the ACCessory Push-button on the supplied Remote Control. To select either Trigger A or B for remote operation, perform the following steps:

- Press the SETUP Push-button twice to access the Setup Preamp Mode unless the C500C is already in the Setup Preamp Mode.
- Rotate the MENU Control until the Alphanumeric Display indicates “ACC CONTROL --”. Refer to figure 38.



Figure 38

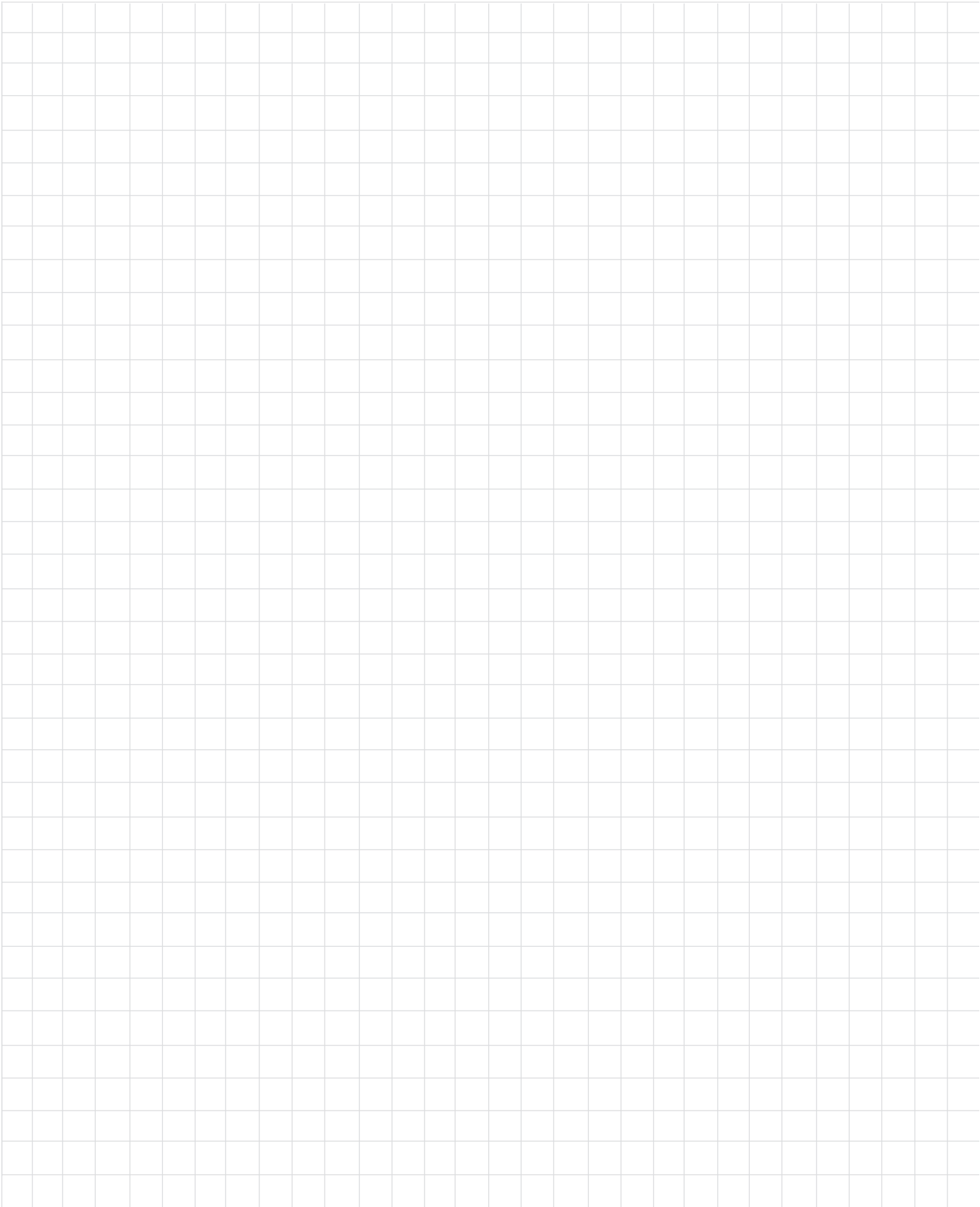
- Rotate the SELECT 2 Control until the desired Trigger A or B appears in the Display, e.g. “ACC CONTROL A”. Refer to figure 39.

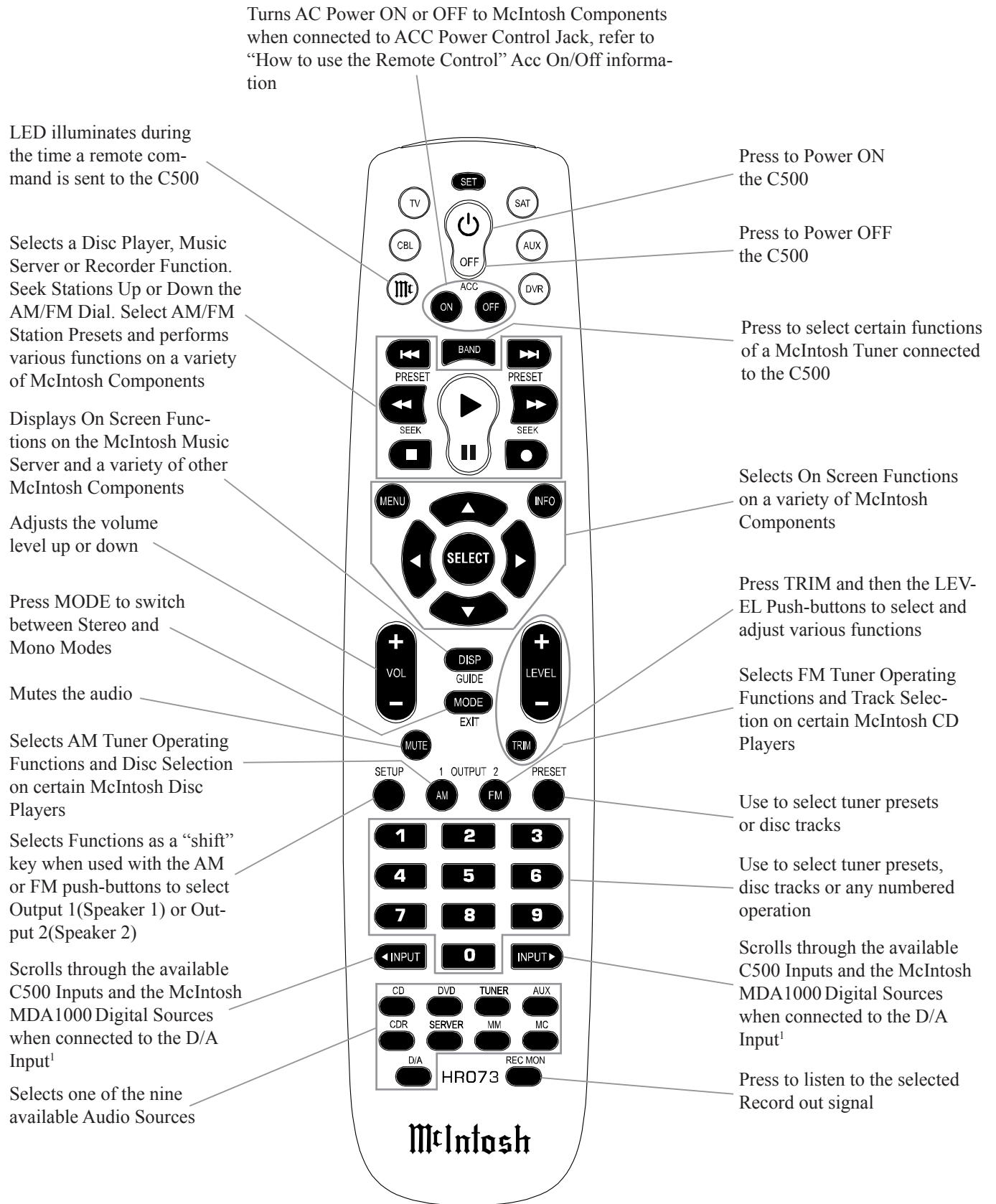


Figure 39

Note: Devices connected to the Trigger (A or B) Jacks will be effected when Trigger (A or B) in SETUP is changed.

- If no other adjustments are to be made at this time, press the SETUP Push-button to exit the Setup Preamp Mode or proceed to the next desired Setup Preamp Mode for adjustment.






Note: Push-buttons whose function is not identified above are for use with other McIntosh Products.

¹Requires a Data Cable Connection between the C500C and the MDA1000

How to Operate by Remote Control

The supplied HR073 Remote Control is capable of directly controlling the functions of contemporary McIntosh Source Components connected to the C500 via the Data Ports.

Note: If at any time the C500 seems unresponsive to HR073 Remote Control Commands press the  Push-button first.

Input Source Selection

Press the appropriate Source Push-button to select the desired program source. Sources may also be selected by pressing the ◀ INPUT ▶ push-button.

Note: When directly selecting sources with Title names ending with a “2” or “3”, the appropriate Numbered Push-button needs to be pressed after the push-button with the Titled Name is pressed; e.g. for Input DVD2, press the DVD Push-button followed by the “2” Push-button.

Mute

Press the MUTE Push-button to mute audio. The Record Signals present at the CDR and SRVR REC OUTPUT Jacks are not affected by the MUTE function. The C500 Front Panel Alphanumeric Display will indicate the word MUTE. Press MUTE a second time to unmute audio.

Note: For additional information on the various Mute Modes refer to page 29.

Mode

Press the MODE Push-button to switch from Stereo to Mono of the selected Listen Signal.

Disc, Server and Tape Functions

Use these push-buttons to operate a DVD Player, CD Player, CD Changer, Music Server or Recorder.

Numbered Push-buttons

Press Push-buttons 0 through 9 to access tuner station presets, tracks on discs or selections on a Music Server.

Disc and Track

Use the AM(disc)and FM(track)Push-buttons when a Disc Player or Music Server is being used.

Tuner Push-buttons

Press the AM or FM Push-button to select the desired broadcast band. Press and release the Seek◀◀ or Seek▶▶ Push-button to seek the next available station. Press and hold a Seek◀◀ or Seek▶▶ Push-button to seek continuously from station to station.

Band

Depending on the McIntosh Tuner connected to the C500, pressing the BAND Push-button will either review Tuner Station Presets or switch between available Radio Station Tuning Bands.

Volume

Press the VOLume + or - Push-button to raise or lower the listening volume level.

Note: The Record Signals present at REC OUTPUTS are not affected by volume changes.

Pause

Press the Pause|| Pushbutton to perform various functions on a variety of McIntosh Components. It will also pause the playing of a disc or tape player.

Trim

Press the TRIM Push-button until the word “BALANCE __” appears on the Alphanumeric display, then press the LEVEL + Push-button to emphasize the Left Channel or LEVEL - Push-button to emphasize the Right Channel.

Press the TRIM Push-button until the word “TRIM __ _” appears on the Alphanumeric display, then press the LEVEL + or - Push-button to match the volume level of the previously selected Input.

Notes: For additional information on the other Trim Functions refer to pages 30 and 31.

Acc On/Off

Press ACC ON to turn the power ON or ACC OFF switches AC Power OFF to McIntosh Components when connected to the ACC Power Control Jack.

Amplifier Selection

Press the BLUE (Setup) Push-button followed by the AM (Output 1) or FM (Output 2) Push-buttons, to control the rear panel Speakers MAIN/SPKR 1, MAIN/SPKR 2 (ON or OFF). These OUTPUTS provide signals to a Power Amplifier or other accessory component.



The continuous improvement of its products is the policy of McIntosh Laboratory Incorporated who reserve the right to improve design without notice.

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