



DMPS3-300-C-AEC/DMPS3-300-C/

DMPS3-200-C

3-Series® DigitalMedia™ Presentation System 300

Supplemental Guide

Crestron Electronics, Inc.

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3-Series DigitalMedia Presentation System 300: DMPS3-300-C-AEC/DMPS3-300-C/DMPS3-200-C

Introduction

The DMPS3-300-C-AEC, DMPS3-300-C, and DMPS3-200-C systems from Crestron® are complete, high-definition presentation control, and signal routing solutions for boardrooms, classrooms, and videoconference rooms.

For simplicity within this guide, the term “DMPS3-300/200-C” is used except where noted. For more information on the DMPS3-300/200-C, refer to DMPS3-300-C-AEC/DMPS3-300-C/DMPS3-200-C 3-Series® DigitalMedia™ Presentation System 300-AEC/300/200 DO Guide (Doc. 7715A).

Configuration

Configuring the System ID

All DM switches in an interconnected DM system must have a unique System ID. Please see the DM IP Considerations Guide for reference. The System ID can be configured via the front panel or the System Info tool in Crestron Toolbox®.

Configuring EDID or HDCP

In the Crestron Toolbox Address Book, select the DMPS3-300/200-C. Then use the DMPS Tool to configure EDID, or HDCP, or to troubleshoot AV on the DMPS3-300/200-C. Refer to the help file for additional information.

DMPS Tool



Configuring the DMPS3-300/200-C

The DMPS3-300/200-C can be used for audio and video switching without any programming required. This is ideal for those who need a basic audio-video switching system. Prior to operation, the DMPS3-300/200-C must be configured for use.

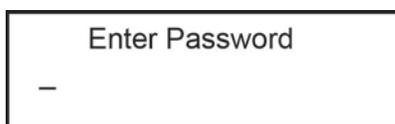
The DMPS3-300/200-C is configured using the built-in Setup Menu.

NOTE: When the system is being configured, system operation is suspended.

Access the **Setup Menu**:

1. Press the **POWER** button to turn on the system.
2. Press the **MENU** button. Instructions for entering the numeric password are displayed followed by a blinking cursor that prompts entering of the password.

Enter Password



Enter Password
—

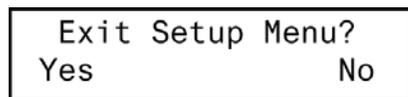
NOTE: The default password is 12345. It can be changed within the Control Setup menu. Refer to “Change the Front Panel Password” for more information.

- a. Turn the **VOLUME** control until the correct digit (0 through 9) appears.
- b. Press the ▲ button to move the cursor to the next digit, and select the next digit in the password with the **VOLUME** control. Press the ▼ button to move to a previous digit.
- c. Press **ENTER** once the entire password is displayed. If an incorrect password is entered, the display shows **Invalid Password** and returns to the **Enter Password** screen.

Exit the **Setup Menu**:

1. While in the **Setup Menu**, press the **MENU** button to exit the menu.

Exit Menu Prompt



Exit Setup Menu?
Yes No

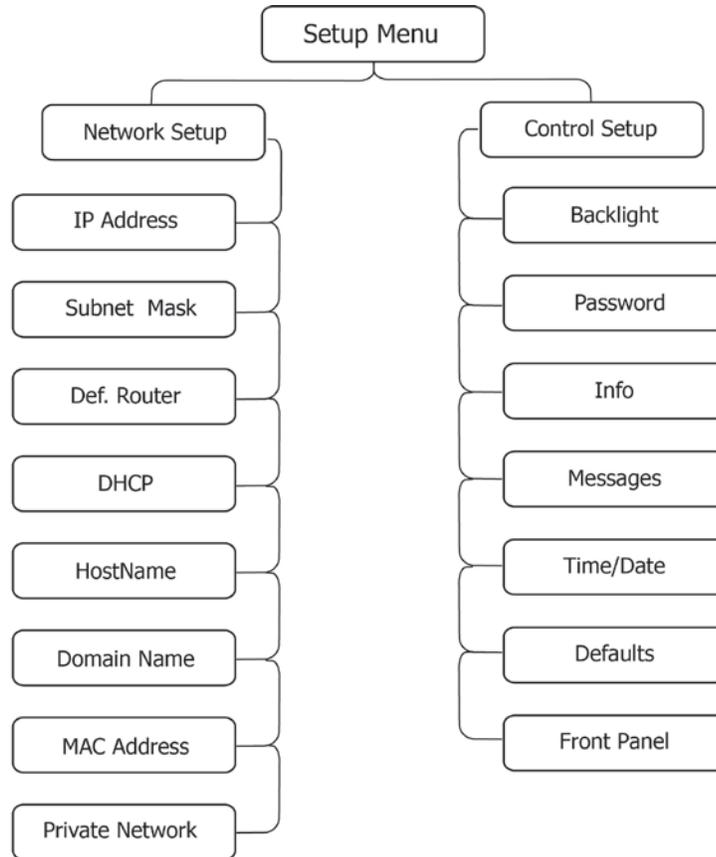
2. Press the button under **Yes** to exit the menu, or press the button under **No** to return to the menu.

Refer to “Setup Menu Structure” on the following page.

Setup Menu Structure

The following diagram shows the **Setup Menu** structure of the DMPS3-300/200-C.

DMPS3-300/200-C Setup Menu Structure



The **Setup Menu** is composed of two sections:

1. **Network Setup** contains controls for setting the IP address of the DMPS3-300/200-C, the IP address of the subnet mask used by the DMPS3-300/200-C, the IP address of the default router used by the DMPS3-300-C, and the DHCP mode. The **Network Setup** section can also display the hostname and MAC address of the as well as the domain name used by the DMPS3-300/200-C. The **Network Setup** section also contains the controls to set up the Private Network mode.
2. **Control Setup** contains controls for adjusting the LCD backlight, setting the front panel password, displaying system information, displaying system messages, setting the time and date, and restoring default settings.

Network Setup

The network settings of the DMPS3-200/300-C can be configured from the front panel using the **Network Setup** menu.

NOTE: Changes to the network settings may require a reboot to take effect. The system automatically reboots when necessary.

Access the **Network Setup** Menu:

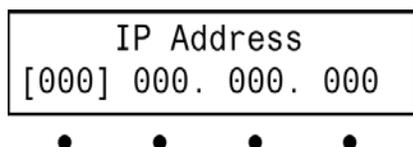
1. Access the **Setup Menu** as described on page 2. Press the ▲ or ▼ buttons until **Network Setup** is displayed on the LCD.
2. Press **ENTER** to display the **Network Setup** menu.
3. To exit the **Network Setup** menu, press **MENU**.

Set the IP Address

The DMPS3-300/200-C uses TCP/IP for communications between network devices, a PC, and RoomView® Help Desk software. The IP address can be manually set or obtained from a DHCP server. For information on using DHCP to obtain an IP address, refer to “Set the DHCP Status.” Manually set an IP address:

1. Access the **Network Setup** menu as described above.
2. Press the ▲ or ▼ buttons until **IP Address** is displayed on the LCD, and press **ENTER** to display the **IP Address** menu. The current IP address is shown.

IP Address Menu



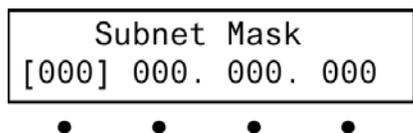
3. Turn the **VOLUME** control clockwise or counterclockwise to select a number in the left-most section of the IP address. Numbers can also be selected by pressing the ▲ or ▼ buttons.
4. Press **ENTER** to move the cursor to the next section of the address. To change a different section, press the button under the section to be changed.
5. Repeat the previous two steps until the entire IP address is set.
6. To save the new address and return to the **Network Setup** menu, move the cursor to the right-most section and press **ENTER**. To cancel the operation and return to the **Network Setup** menu, press **MENU**.

Set the Subnet Mask

The DMPS3-200/300-C can be set up to use an IP subnet mask for TCP/IP communications. Set the address of the IP subnet mask:

1. Access the **Network Setup** menu as described above.
2. Press the ▲ or ▼ buttons until **Subnet Mask** is displayed on the LCD, and press **ENTER** to display the **Subnet Mask** menu. The current subnet mask IP address is shown.

Subnet Mask Menu



3. Turn the **VOLUME** control clockwise or counterclockwise to select a number in the left-most section of the subnet mask IP address. Numbers can also be selected by

pressing the ▲ or ▼ buttons.

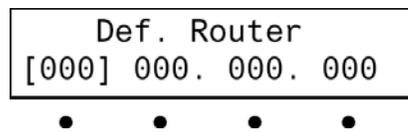
4. Press **ENTER** to move the cursor to the next section of the address. To change a different section, press the button under the section to be changed.
5. Repeat the previous two steps until the entire subnet mask IP address is set.
6. To save the new address and return to the **Network Setup** menu, move the cursor to the right-most section and press **ENTER**. To cancel the operation and return to the **Network Setup** menu, press **MENU**.
- 7.

Set the Default Router

The DMPS3-200/300-C can be set up to use a default router for TCP/IP communications. Set the IP address of the default router:

1. Access the **Network Setup** menu as described on page 3.
2. Press the ▲ or ▼ buttons until **Def. Router** is displayed on the LCD, and press **ENTER** to display the **Def. Router** menu. The current IP address of the default router is shown.

Def. Router Menu



3. Turn the **VOLUME** control clockwise or counterclockwise to select a number in the left-most section of the default router IP address. Numbers can also be selected by pressing the ▲ or ▼ buttons.
4. Press **ENTER** to move the cursor to the next section of the address. To change a different section, press the button under the section to be changed.
5. Repeat the previous two steps until the entire default router IP address is set.
6. To save the new address and return to the **Network Setup** menu, move the cursor to the right-most section and press **ENTER**. To cancel the operation and return to the **Network Setup** menu, press **MENU**.

Set the DHCP Status

The IP address can be obtained from a DHCP server or manually set. For information on manually setting the IP address, refer to "Set the IP Address."

1. Access the **Network Setup** menu as described on page 3.
2. Press the ▲ or ▼ buttons until **DHCP** is displayed on the LCD, and press **ENTER** to display the **DHCP** menu.

DHCP Menu



3. Press ▲ and ▼ buttons to toggle between **On** and **Off**. The current setting is indicated with an asterisk (*).

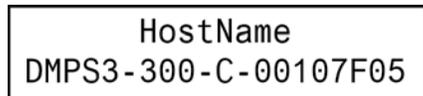
To save the setting and return to the **Network Setup** menu, press **ENTER**. To cancel the operation and return to the **Network Setup** menu, press **MENU**.

View and Set the Hostname

The DMPS3-300/200-C can be recognized by its hostname in a networked environment. Set the hostname:

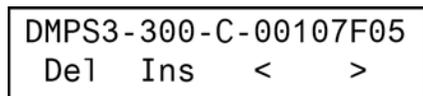
1. Access the **Network Setup** menu as described on page 3.
2. Press the ▲ or ▼ buttons until **HostName** is displayed on the LCD, and press **ENTER** to display the current hostname.

Typical Hostname Screen

A rectangular LCD screen with a black border. The text "HostName" is centered at the top. Below it, the alphanumeric string "DMPS3-300-C-00107F05" is displayed in a monospaced font.

3. Press **ENTER** to change the current name. A cursor is placed at the last character in the name.

HostName Change Screen

A rectangular LCD screen with a black border. The top line displays "DMPS3-300-C-00107F05". The second line displays "Del Ins < >" with a cursor (a vertical line) positioned under the "F" in the first line.

4. Turn the **VOLUME** control clockwise or counterclockwise (or press the ▲ or ▼ buttons) to select a new letter (uppercase or lowercase) or number. Move the cursor by pressing the buttons under the < or > symbols. The hostname can be up to 64 characters in length. To delete a character, position the cursor under the character to be deleted and press the button under **Del**. To insert a space, position the cursor where the space is to be inserted and press the button under **Ins**.
5. To save the new name and return to the **Network Setup** menu, press **ENTER**. To cancel the operation and return to the hostname display, press **MENU**.

View and Set the Domain Name

Some networks may require a domain name to resolve the hostname. Set the domain name:

1. Access the **Network Setup** menu as described on page 3.
2. Press the ▲ or ▼ buttons until **Domain Name** is displayed on the LCD, and press **ENTER** to display the **Domain Name** screen. The current domain name (if entered) is displayed. If no domain name is entered, **(none entered)** is displayed.

Domain Name Screen

A rectangular LCD screen with a black border. The text "Domain Name" is centered at the top. Below it, the text "(none entered)" is displayed in a monospaced font.

3. Press **ENTER** to change the domain name. A cursor is placed after the last character in the **Domain Name Change** screen.

Domain Name Change Screen



4. Turn the **VOLUME** control clockwise or counterclockwise (or press the ▲ or ▼ buttons) to select a new letter (uppercase or lowercase) or number. Move the cursor by pressing the buttons under the < or > symbols. The domain name can be up to 64 characters in length. To delete a character, position the cursor under the character to be deleted and press the button under **Del**. To insert a space, position the cursor where the space is to be inserted and press the button under **Ins**.
5. To save the new name and return to the **Network Setup** menu, press **ENTER**. To cancel the operation and return to the domain name display, press **MENU**.

Display the MAC Address

The DMPS3-300/200-C can display its MAC address. View the MAC address:

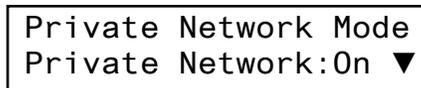
1. Access the **Network Setup** menu as described on page 3.
2. Press the ▲ or ▼ buttons until **MAC Address** is displayed on the LCD, and press **ENTER** to display the MAC address.
3. Press **MENU** to return to the **Network Setup** menu.

Private Network Mode

Using **Private Network** mode, the DMPS3-300/200-C requires just one IP address for the complete DM network, including all connected DM transmitters and receivers.

1. Access the **Network Setup** menu as described on page 3.
2. Press the ▲ or ▼ buttons until **Private Network** is displayed on the LCD.
3. Press **ENTER** to display the **Private Network Mode** menu.

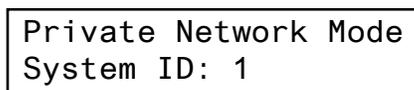
Private Network Mode Menu



(If the display shows **Private Network: OFF**, pressing **ENTER** twice will change its state to **On**.)

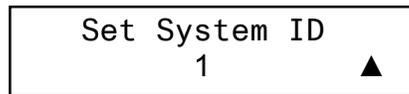
4. Press the ▼ button to display the **Private Network Mode System ID** menu.

Private Network Mode System ID Menu



5. Press **ENTER** to display the **Set System ID** selection menu.

Set System ID Menu



6. Press the ▲ or ▼ buttons to select the desired System ID address number between 1 and 64.
7. Press **MENU** to return to the **Network Setup** menu.

Control Setup

Basic control system operations can be performed from the DMPS3-300/200-C front panel using the **Control Setup** menu.

Access the **Control Setup** Menu

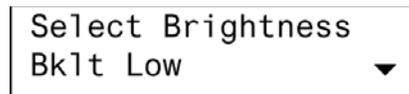
1. Access the **Setup Menu** as described on page 2. Press the ▲ or ▼ buttons until **Control Setup** is displayed on the LCD.
2. Press **ENTER** to display the **Control Setup** menu.
3. To exit the **Control Setup** menu, press **MENU**.

Change the Backlight Level

The brightness of the LCD's backlight can be adjusted for ease of viewing. Adjust the brightness level from the front panel:

1. Access the **Control Setup** menu as described above.
2. Press the ▲ or ▼ buttons until **Backlight** is displayed on the LCD, and press **ENTER** to display the **Select Brightness** menu.

Select Brightness Menu



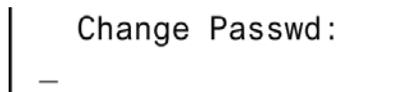
3. Press the ▲ or ▼ buttons to select a brightness level (**Low**, **Medium**, or **High**). An asterisk (*) appears to identify the current setting.
4. To save the desired setting and return to the **Control Setup** menu, press **ENTER**. To cancel the operation and return to the **Control Setup** menu, press **MENU**.

Change the Front Panel Password

The front panel password can be changed from the front panel:

1. Access the **Control Setup** menu as described above.
2. Press the ▲ or ▼ buttons until **Password** is displayed on the LCD, and press **ENTER** to display the **Change Passwd** screen. (An existing password is not shown.)

Change Passwd Screen



3. Turn the **VOLUME** control to set the first digit (0 – 9) in the password.

4. Press the ▲ and ▼ buttons to move the cursor to each digit position and set each digit with the **VOLUME** control. The maximum password length is 20 digits.
5. To save the new password and return to the **Control Setup** menu, press **ENTER**.
6. To cancel the process without saving any changes, press **MENU**. The display returns to the **Control Setup** menu.

View System Information

Use the front panel to view information about the DMPS3-300/200-C. Information that can be viewed includes program information, hardware information, network information, and operating system information.

NOTE: This information can also be viewed using Crestron Toolbox. For more information, refer to the Crestron Toolbox help file.

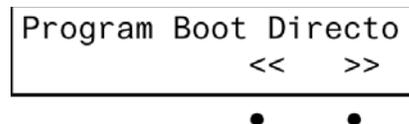
1. Access the **Control Setup** menu as described on page 8.
2. Press the ▲ or ▼ buttons until **Info** is displayed on the LCD, and press **ENTER** to display the **Info** menu.

Info Menu



3. To view the program information, press the button under **REMS**.

Program Boot Directory Screen



4. Press the ▲ or ▼ buttons to see other information. If partial information is displayed, press the buttons under the << or >> symbols to view the rest of the information.
5. Press the **MENU** button to return to the **Info** menu.
6. To view the hardware information, press the button under **HW**.

Hardware Information Screen



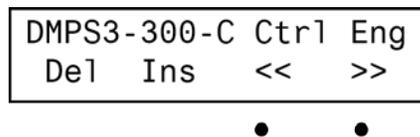
7. Press the ▲ or ▼ buttons to see other information. If partial information is displayed, press the buttons under the << or >> symbols to view the rest of the information.
8. Press the **MENU** button to return to the **Info** menu.
9. To view a list of connected network devices, press the button under **NET**. (If no network devices are connected, **No Network Devices Found** is displayed.)

Connected Network Devices Screen



10. Press the ▲ or ▼ buttons to see other network devices. If the information for a network device is partially displayed, press the buttons labeled << or >> to view the rest of the information.
11. Press the **MENU** button to return to the **Info** menu.
12. To view information on the DMPS3-300/200-C operating system, press the button under **OPS**.

Operating System Information Screen



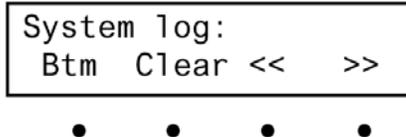
13. Press the buttons under the symbols << or >> to view the information that cannot fit on the display.
14. Press the **MENU** button to return to the **Info** menu.
15. To return to the **Control Setup** menu, press **MENU**.

Review System Messages

The DMPS3-300/200-C stores system messages in a message log. Review system messages using the front panel:

1. Access the **Control Setup** menu as described on page 8.
2. Press the ▲ or ▼ buttons until **Messages** is displayed on the LCD, and press **ENTER** to display the viewing controls.

System Message Viewing Controls Screen



3. To scroll through messages in the log, press the ▲ or ▼ buttons.
4. To jump to the last message in the log, press the button under **Btm**.
5. To jump to the beginning of the log, press the button under **Top** (not shown).
6. To view the contents of a message, press the buttons under the << or >> symbols.
7. To erase the contents of the log, press the button under **Clear**.
8. Press **MENU** to return to the **Control Setup** menu.

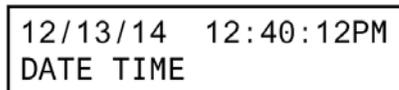
NOTE: The contents of the message log can also be read and saved using Crestron Toolbox. For more information, refer to the Crestron Toolbox help file.

Set the Date and Time:

Use the front panel to set the DMPS3-300/200-C's date and time.

1. Access the **Control Setup** menu as described on page 8.
2. Press the ▲ or ▼ buttons until **Time/Date** is displayed on the LCD, and press **ENTER** to display the date and time controls.

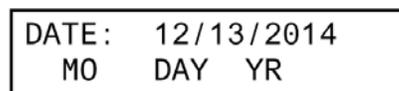
Date and Time Controls Screen



12/13/14 12:40:12PM
DATE TIME

3. To set the date, press the button under **DATE**. The date controls are displayed.

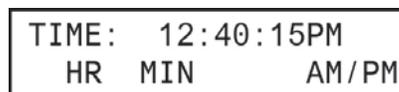
Date Controls Screen



DATE: 12/13/2014
MO DAY YR

4. To set the month, press the button under **MO**. To set the day, press the button under **DAY**. To set the year, press the button under **YR**. A pair of brackets appears around the selected part of the date.
5. Press the ▲ or ▼ buttons to increase or decrease the value of the selected part of the date.
6. Repeat for each part of the date.
7. Press **ENTER** to store the new date values and return to the **Time/Date** controls or press **MENU** to return to the **Time/Date** controls without saving any changes.
8. To set the time, press the button under **TIME**. The time controls are displayed.

Time Controls Screen



TIME: 12:40:15PM
HR MIN AM/PM

9. To set the hour, press the button under **HR**. To set the minute, press the button under **MIN**. To set AM or PM, press the button under **AM/PM**. A pair of brackets appears around the selected part of the time.
10. Press the ▲ or ▼ buttons to increase or decrease the value of the selected part of the time.
11. Repeat for each part of the time.
12. Press **ENTER** to store the new time and return to the **Time/Date** controls, or press **MENU** to return to the **Time/Date** controls without saving any changes.
13. To return to the **Control Setup** menu, press **MENU**.

NOTE: The date and time can also be set using Crestron Toolbox. For more information, refer to the Crestron Toolbox help file.

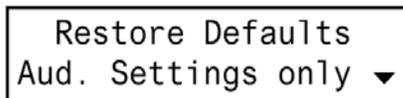
Restore Default Settings

The DMPS3-300/200-C can be restored to its default factory settings from the front panel. Users can restore only the audio settings or restore the audio settings, source names, output names, and function names.

Restore audio settings only:

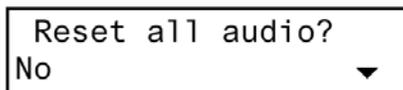
1. Access the **Control Setup** menu as described on page 8.
2. Press the **▲** or **▼** buttons until **Defaults** is displayed on the LCD, and press **ENTER** to display the **Restore Defaults** screen.

Restore Defaults Screen (Audio Settings Only)



3. Press the **▲** or **▼** buttons until **Aud. Settings only** is displayed on the LCD, and press **ENTER**.

Reset All Audio? Confirmation Screen

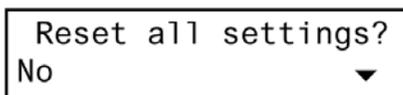


4. To restore the factory default audio settings, press the **▲** or **▼** buttons until **Yes** is displayed on the LCD, and press **ENTER**. To cancel, press the **▲** or **▼** buttons until **No** is displayed on the LCD, and press **ENTER**.

Restore all of the factory default settings:

1. Access the **Restore Defaults** menu as described above.
2. Press the **▲** or **▼** buttons until **All settings** is displayed on the LCD, and press **ENTER**. The **Reset all settings?** confirmation screen is displayed.

Reset All Settings? Confirmation Screen

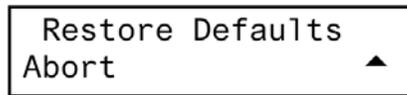


Press the **▲** or **▼** buttons until **Yes** is displayed on the LCD, and press **ENTER** to restore the audio settings, source names, output names, and function names to their factory defaults. To cancel, press the **▲** or **▼** buttons until **No** is displayed on the LCD, and press **ENTER**.

Cancel the restoring of any default settings:

1. Access the **Restore Defaults** menu as described above.
2. To cancel all of the above restore operations, press the **▲** or **▼** buttons until **Abort** is displayed on the LCD, and press **ENTER**. The restore operation is cancelled.

Restore Defaults Screen

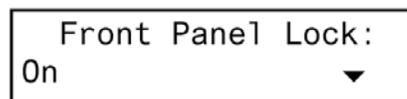


Front Panel Lock Control

The DMPS3-300/200-C's front panel controls can be locked to prevent operational changes from the buttons on the front of the unit. While locked, the menu can be accessed by pressing the **MENU** button. Display the front panel lock controls:

1. Access the **Control Setup** menu as described on page 8.
2. Press the ▲ or ▼ buttons until **Front Panel** is displayed on the LCD, and press **ENTER** to display the **Front Panel Lock** controls.

Front Panel Lock Controls Screen



3. Press the ▲ or ▼ buttons to toggle between **On** and **Off**. The current setting is indicated with an asterisk (*).
4. Press **ENTER** to save the desired setting, and return to the **Control Setup** menu.

Default System Operation

The following describes the operation of a default system.

Turn On the System

To turn on the system, press the **POWER** button.

1. Select an output by pressing any of the output buttons:
1–4, PROG, AUX 1, or AUX 2 (PROG, AUX 1, and AUX 2 are audio only)
2. Select any of the source inputs by pressing an input button (**1–7**).

Turn Off the System

To turn off the system, press the **POWER** button twice.

Adjust the Volume Level

The volume level of the DMPS3-200/300-C is adjusted with the **VOLUME** control knob. The **VOLUME** control knob only controls the volume parameter that was selected when the Volume Control mode was specified.

- To raise the volume, turn the **VOLUME** control clockwise. The volume level is displayed on the LCD.
- To lower the volume, turn the **VOLUME** control counterclockwise. The volume level is displayed on the LCD.

Mute Audio

The audio output of the DMPS3-200/300-C can be muted with the **MUTE** button.

- To mute the audio output, press the button labeled **MUTE**. To unmute the audio output, press the **MUTE** button again.

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