

ProFusion® XS Gold

USER GUIDE



Designing Atmospheres
Delivering Experiences

CAUTION

**RISK OF ELECTRIC SHOCK!
DO NOT OPEN!
NO USER SERVICEABLE PARTS INSIDE!**



This symbol is intended to inform users that internal parts may cause electrical shock and injury.



This symbol is intended to inform users of important operational instructions and clarifications.



WARNING!



To reduce the risk of fire, electric shock, or injury:

- Do not use the ProFusion® XS Gold if it has been exposed to water.
- Do not use the ProFusion XS Gold if it has been dropped and or damaged.
- Do not use the ProFusion XS Gold with a damaged power cord.
- Do not unplug power or audio connections by pulling on the cables.
- Do not restrict airflow by blocking or covering ventilation openings in the chassis cover.
- Do not insert objects into chassis ventilation openings.
- Do not use in environments with excessive heat, humidity, dust, or magnetic fields.
- Place the ProFusion XS Gold only on a stable surface of sufficient size and strength where it will not be exposed to excessive vibration.
- Do not overload power outlets.
- Route all cables safely. Do not place any items on or against the cables.
- Do not allow children to operate without supervision.
- Use only attachments that are approved by DMX, Inc.

Safety Agency Listings

This product was tested and found to be fully compliant with

FCC Part 15 Subpart B/Class A

CE Class A

C-Tick/Class A

cTUVus TUV CB Scheme

RoHS Compliant

WEEE marked



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Features

What is ProFusion XS Gold?

As our premier on-premise system, ProFusion® XS Gold digital audio delivery system provides extensive commercial-free music programming, engaging message marketing, and flexible scheduling. ProFusion XS Gold provides ultimate control and flexibility of what your customers hear with the highest fidelity available for an exceptional listening experience.

MUSIC DESIGN

Music for Your Unique Business. Let DMX music experts help you design the most effective music program for your business. The ProFusion XS Gold will then put it into action effortlessly. ProFusion XS Gold takes sound to a new level of fidelity, allowing your business to deliver incredibly powerful, rich, stereo sound to your customers and employees.

SCHEDULING

Easy Music Management. Target a specific customer type or change your business tempo by the hour, day, week or during different seasons. Include or omit selected styles. Or, vary your programming in different zones. ProFusion XS Gold allows you to automatically switch your custom schedules at any time.

MESSAGE MARKETING

Efficient On-Hold Messaging. ProFusion XS Gold allows you to inform callers and capture their attention by promoting your products and services or by offering valuable business information. With ProFusion XS Gold, your phone system will turn into a powerful communication center.

RELIABILITY

Dependable Platform. The ProFusion XS Gold is specifically designed and built for extended life in commercial environments. Each component is carefully selected and tested for maximum reliability. Tens of thousands of ProFusion products, some installed as far back as 2000, are still servicing our customer's music needs.

A Connection You Can Count On. Our dedicated Technology team takes every step to ensure ongoing smooth ProFusion XS Gold operation. With the Internet's ability to deliver data quickly and cost-effectively, the ProFusion XS Gold dramatically cuts the time it takes to receive music and message updates.

FLEXIBILITY

Multiple Options For Hassle-Free Updates. The ProFusion XS Gold also supports updates via disc. With this method, you will periodically receive a DVD disc containing updates for your ProFusion XS Gold. Updates are made using the built-in DVD-ROM.

CONVENIENCE

Simple-to-Use Design. The ProFusion XS Gold is engineered for seamless integration into a variety of commercial A/V systems. Industry standard connectors, a simple-to-use control panel and menu system puts you in control of your music. Simply connect your ProFusion XS Gold and begin enjoying continuous music.

Getting Started

Checking the Package Contents

- (1) ProFusion XS Gold playback device
- (1) ProFusion XS Gold User Guide
- (1) 6' (183cm) 18AWG UL Power cord
- (1) 6' (183cm) Stereo RCA male-to-male audio cable
- (2 cables are included only with ProFusion XS Gold devices configured for two zones of audio)

Any additional cabling required to complete the installation must be obtained separately.

Please keep all packaging material for future use with your ProFusion XS Gold.

Installation and Setup

Placement Guidelines

- ProFusion XS Gold is designed to be placed horizontally or right-side up. Other orientations may restrict air flow within the case and significantly shorten the lifespan of critical components.
- ProFusion XS Gold should be placed in a clean, well-ventilated area. Do not stack items on or against your ProFusion XS Gold as this can cause excessive heat buildup and/or potential for static electricity discharge.
- Only place your ProFusion XS Gold on surfaces having sufficient strength and stability. Mounting surfaces must be free of excessive vibration.
- Ensure all cabling is routed properly and safely. Avoid creating tripping hazards or cable routing that could pull your ProFusion XS Gold off the surface you have placed it on.
- Ensure your ProFusion XS Gold is plugged into a properly grounded, always-on AC electrical outlet

Note: Do not plug your ProFusion XS Gold into switched outlets such as power strips or similar devices that may be inadvertently turned off. This can lead to improper shutdowns which will likely shorten the life of the equipment.

Rack Placement

- If your ProFusion XS Gold is going to be installed in a rack, at least 3½" (8.25 cm) (2RU) of vertical rack space is required.
- Do not improvise a rack mount solution; instead, install a rack shelf capable of supporting at least 20 lbs (9.1 kg) of weight, and place your ProFusion XS Gold on the shelf.

Note: ProFusion XS Gold has been designed to be mounted in a rack. Please contact DMX Customer Service if you would like to order a DMX factory original rack mount kit. See "Appendix E: Contact DMX" (p. 25).

Connecting ProFusion XS Gold to Your Amplification Equipment



Always connect audio cables prior to powering on your ProFusion XS Gold.

- Turn the volume completely down and turn off your amplification equipment before disconnecting any existing sources or installing your ProFusion XS Gold.
- Your ProFusion XS Gold must not be plugged into the AC outlet found on the rear of some audio amplification equipment. Only plug your ProFusion XS Gold into properly grounded electrical outlets.
- To avoid being inadvertently powered off, never plug your ProFusion XS Gold into a switched outlet.

Connecting your ProFusion XS Gold to your amplification equipment:

STEP 1 Connect the stereo RCA audio cable to your ProFusion XS Gold by inserting the white plug into the white RCA jack labeled L1 (Zone 1 Left Ch). Then insert the red RCA plug into the RCA jack labeled R1 (Zone 1 Right Ch) on the rear panel of your ProFusion XS Gold.

STEP 2 Connect the other end of the stereo RCA audio cable to your amplification equipment. Both the red and the white RCA plugs must be fully inserted into the appropriate input of your amplification equipment.



IMPORTANT: If you are connecting your ProFusion XS Gold to amplification equipment which has only a mono input (a single RCA jack), a stereo to mono (2 female RCA to 1 male RCA) Y-cable will be necessary in order to properly connect to your equipment. Failure to feed both the left AND the right channel of your ProFusion XS Gold into your audio equipment WILL RESULT IN DEGRADED AUDIO PERFORMANCE.

Connecting ProFusion XS Gold to Your Ethernet Network

Connecting your ProFusion XS Gold to your company's network:

STEP 1 Connect one end of a standard Ethernet cable to the Ethernet port located on the rear panel of your ProFusion XS Gold.

STEP 2 Connect the other end of the Ethernet cable to your network equipment (router, hub, or switch).

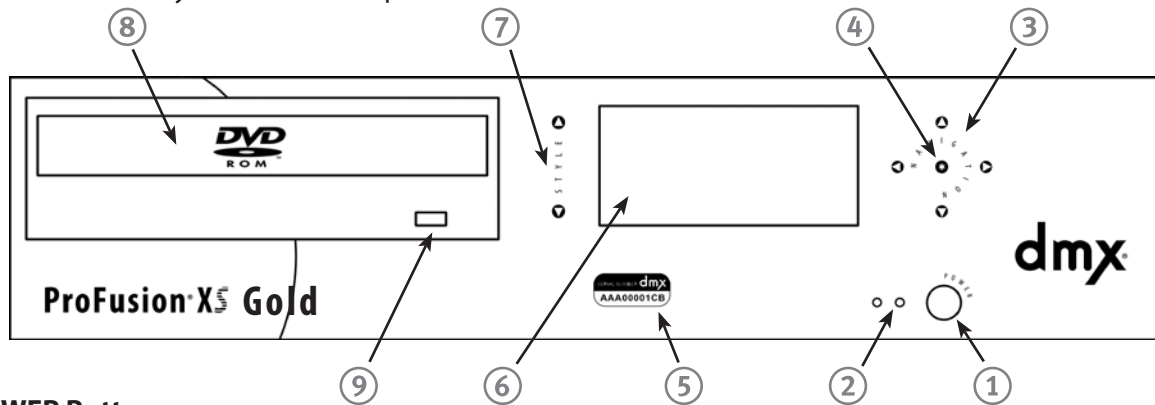


It is highly recommended that a connectivity test be performed before or after changing any network settings. See Testing the Network Settings (p. 17) for instructions prior to making any changes.

Controls and Functions

Front Panel

The front panel of ProFusion XS Gold is used to view or change music styles, start or stop playback, access the Control Panel menu system and load update discs.



1. POWER Button

The POWER button is used to power ProFusion XS Gold on and off.

Note: Do not hold in the POWER button when powering ProFusion XS Gold on or off.

2. Power LED

This green LED is illuminated while the ProFusion XS Gold is powered on.

3. NAVIGATION Buttons

The UP, DOWN, LEFT and RIGHT buttons are used to navigate the Control Panel menu system.

4. * Button

This button is similar to the ENTER button on a keyboard and is used to select menu options from the Control Panel menu system.

5. Serial Number

This unique number is used to identify your ProFusion XS Gold.

6. LCD Display Panel

The LCD display panel is used to view the Control Panel menu system. While in Playback Mode, the LCD display panel will show the title, artist, and style information of the song currently playing. The last line will continuously scroll between the zone name, date/time, and *Schedule Mode*.

7. STYLE Buttons

These buttons are used to manually select your choice of available music styles for playback.

8. DVD-ROM Drive

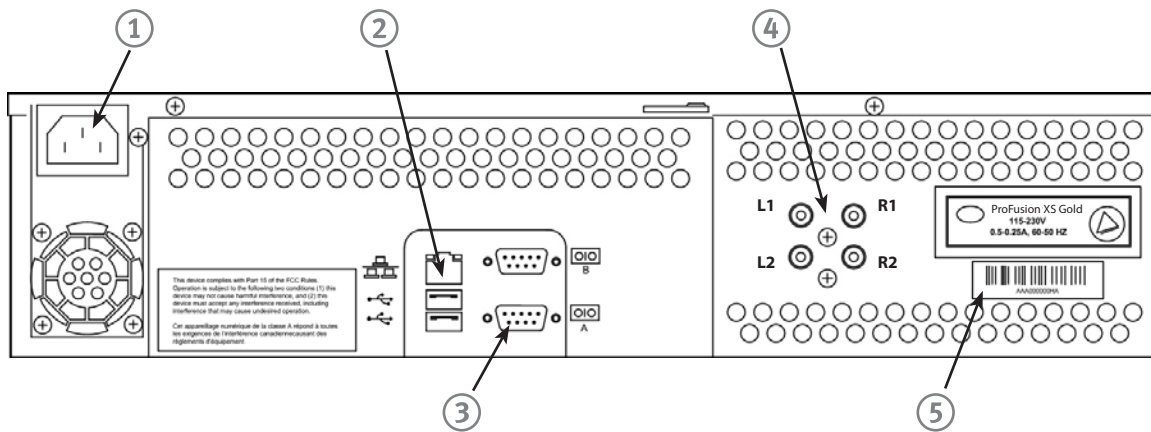
The DVD-ROM is used to update your ProFusion XS Gold with the latest configuration, software and content.

9. DVD-ROM Drive Eject Button

This button is used to open and close the DVD-ROM drive when updating your ProFusion XS Gold via disc. Always use this button to open or close the DVD-ROM tray. Please, never push on the tray to close it.

Rear Panel

The rear panel of ProFusion XS Gold has a variety of connections which help it easily integrate with your existing amplification equipment and Ethernet network.



1. Power Cord Input

ProFusion XS Gold operates on 115-230 VAC power and automatically adjusts to the AC input voltage. Manual selection of input voltage is not necessary or possible.

Note: Never attempt to operate your ProFusion XS Gold on DC power.

2. Ethernet Port

The Ethernet port is used to connect ProFusion XS Gold to your network in order to receive configuration, content and software updates.

3. Serial Port

The serial port provides an RS-232 serial communications interface. The ProFusion XS Gold may be controlled by external equipment providing the ability to change styles on desired zones. See *RS-232 Serial Port* (p. 21) for additional information.

4. Music Zone Audio Connectors

These connections are standard RCA jacks used to connect ProFusion XS Gold to your amplification equipment.

5. Serial Number

This unique number is used to identify your ProFusion XS Gold.

Basic Operation

Powering ProFusion XS Gold On and Off



Always use the POWER button to power off ProFusion XS Gold before unplugging it from an electrical outlet. Failure to do so may result in damage to the device.

Powering On ProFusion XS Gold

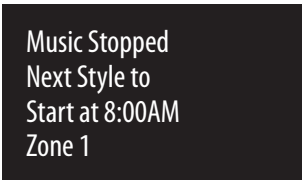
STEP 1 Press the POWER button once.

STEP 2 The green LED power indicator, just left of the POWER button, will illuminate, and the LCD display panel will show the DMX logo. This will be followed by a single “all’s well” beep.

STEP 3 Approximately 30 seconds after the “all’s well” beep, ProFusion XS Gold will begin a five step initialization process.

Note: *Do not attempt to power off ProFusion XS Gold during the initialization process. This can lead to data corruption which will prevent the device from properly functioning.*

STEP 4 Upon completion of the initialization process, the LCD control panel will display *Music Stopped* and approximately 15 seconds later playback will start.



Music Stopped
Next Style to
Start at 8:00AM
Zone 1

STEP 5 Once playback has begun, the LCD control panel will display the title/artist information of the content currently playing.

Note: *If your ProFusion XS Gold is powered on during a time the device is not scheduled for playback, the LCD control panel will display “Music Stopped” and the time playback is scheduled to begin.*

Powering Off ProFusion XS Gold



If your ProFusion XS Gold is configured to receive updates via Ethernet, it must remain powered on at all times.

STEP 1 Press/release the POWER button (do not hold or repeatedly press the button).

STEP 2 Approximately 10 seconds after the pressing the POWER button, the ProFusion XS Gold will enter its *Pause Mode*. At this time playback on all zones will stop. The unit can still receive its updates via Ethernet in this mode.

STEP 3 Once ProFusion XS Gold is in Pause Mode; press the POWER button once more to complete the shutdown process. This will take approximately 20 seconds. The unit cannot receive Ethernet updates if completely shut down.

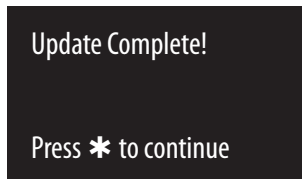
Updating ProFusion XS Gold via Disc

The ProFusion XS Gold can be updated via Ethernet or Disc. If Disc update is chosen, it is important to load the updates to your device immediately upon receipt. Please note that customers with devices configured for Ethernet updates may occasionally receive disc updates.

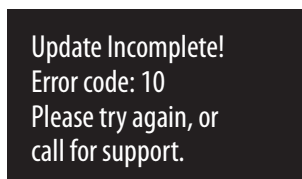
Always verify the update disc is clean and free of scratches, smudges and fingerprints. To clean a disc use lint-free cotton cloths and wipe against the tracks, starting in the middle of the disc and wiping towards the outside of the disc. Do not wipe in a circular motion.

Updating your ProFusion XS Gold via disc:

- STEP 1** If your update contains multiple discs, load them in sequence beginning with disc #1 first.
- STEP 2** Hold the disc face up and by the edges.
- STEP 3** Press the DVD-ROM eject button to open the tray.
- STEP 4** Insert the disc into the center of the DVD-ROM tray.
- STEP 5** Press the DVD-ROM eject button to close the tray (Do not push the tray in).
- STEP 6** Approximately 15 seconds after the tray has closed, the update will automatically start. The update will take anywhere from 60 seconds to 10 minutes, depending on the type and size of the update.
- STEP 7** The DVD-ROM tray will automatically eject once the update has completed and the control panel will display the status of the update.



Note: Contact DMX Customer Service if an update produces an error code. See “Appendix E: Contact DMX” (p. 25). Please note the error code number when contacting DMX for assistance.



Control Panel Menu System

The ProFusion XS Gold Control Panel menu system allows you to perform numerous tasks, including:

- Stopping and starting music playback
- Adjusting volume levels
- Initiating configuration and content updates
- Modifying and testing network settings
- Creating Custom schedules

NAVIGATION Buttons



Using the Control Panel NAVIGATION buttons:

- To enter the Control Panel menu system, press the * button in the center of the NAVIGATION buttons.
- To scroll through menu options, press the NAVIGATION UP or NAVIGATION DOWN button.
- To select menu options, highlight the desired option then press the * button.
- To return to previous menus, press the NAVIGATION UP or NAVIGATION DOWN button until *BACK* is highlighted, then press the * button.

Control Panel Menu Permissions

Upon request, your ProFusion XS Gold Control Panel menu system can be configured so any of the following menu options are enabled or disabled:

- Changing volume levels
- Changing date and time
- Changing styles
- Changing and creating schedules
- Initiating configuration and content updates via Ethernet network update

Note: *If you wish to change any menu access permissions, contact DMX Customer Service. See "Appendix E: Contact DMX Customer Service" (p. 25).*

ProFusion XS Gold Device Information

The *Device Information* menu option provides key information specific to your ProFusion XS Gold. The *Device Information* menu option contains the following: Device ID, software version, configuration version, and device description.

Accessing the *Device Information* menu option from the title/artist information (default) screen:

- STEP 1** Press the * (star) button to access the Control Panel menu system.
- STEP 2** Press the NAVIGATION DOWN button until *Device Information* is highlighted, then press the * button.
- STEP 3** The following information will be displayed; Device ID, software version, configuration version, and device description. Explanations for these features are on the next page.



DeviceID: 54643
Ver: 36 Conf: 15
My ProFusion XS Gold
Austin, TX

Device ID

The Device ID is a unique number specific to your ProFusion XS Gold. It ensures that custom configurations and settings are applied only to your specific ProFusion XS Gold.

Note: *When calling DMX for assistance, please confirm your Device ID prior to calling.*

Software Version (Ver)

Software version indicates which release of ProFusion software is currently installed on your ProFusion XS Gold.

Configuration Version (Conf)

Configuration version refers to several settings such as scheduling, playback start and stop times, and other information unique to your device. This number also ensures that older configuration updates cannot overwrite the current configuration settings.

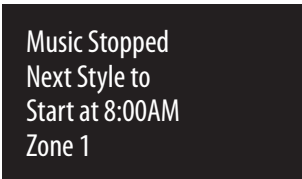
Device Description

The device description, lines three and four, usually reference your company name and location. This information is optional and may not be present.

Changing Styles

Your ProFusion XS Gold may be configured to follow a pre-determined schedule. If so, you may override the schedule by changing the style unless this feature has been disabled. If you attempt to change styles and the control panel displays YOU DO NOT HAVE PERMISSION TO USE THIS FEATURE the ability to change styles has been disabled.

If your ProFusion XS Gold is scheduled to start/stop playback at certain times, the control panel will display Music Stopped and the time playback is scheduled to begin. If allowed, you may manually start playback by selecting any available style.



Music Stopped
Next Style to
Start at 8:00AM
Zone 1

Changing styles:

- STEP 1** Using the NAVIGATION UP or NAVIGATION DOWN button, select the desired zone by viewing the bottom line of the title/artist information display on the LCD display panel.
- STEP 2** Use the STYLE UP or STYLE DOWN button to scroll through the list of available styles.



BACK
Return to schedule
>Chart Attack
Coffeehouse Rock

STEP 3 Once your desired style is highlighted, press the * button to change to the new style. The content currently playing will fade down and content from the new style will immediately begin.

Style Blocking

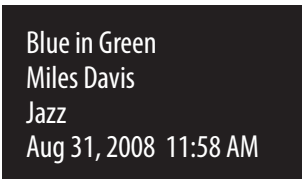
The ProFusion XS Gold has the capability to limit availability of selected music styles to certain times of the day. This feature ensures that only desired music styles are played. Style blocking ensures ProFusion XS Gold users will not inadvertently select an inappropriate musical style. You maintain control of the music your clients hear and preserve your brand image.

Viewing and Setting Date and Time

If your ProFusion XS Gold receives its updates via Ethernet, it may be configured to synchronize the date and time with the server each time it connects.

Viewing Date and Time

To view the currently set date and time for your ProFusion XS Gold, watch the fourth line of the title/artist information. The date and time will scroll by approximately every 30 seconds.



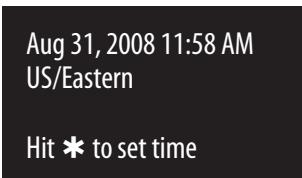
Blue in Green
Miles Davis
Jazz
Aug 31, 2008 11:58 AM

Setting Date and Time

Setting the date and time from the title/artist information screen:

STEP 1 Press the * button to access the Control Panel menu system.

STEP 2 Press the NAVIGATION DOWN button until *Set Date and Time* is highlighted, then press the * button.



Aug 31, 2008 11:58 AM
US/Eastern
Hit * to set time

STEP 3 Press the NAVIGATION UP or NAVIGATION DOWN button to change the month.

STEP 4 Press the * button if only the month needs to be changed. If you need to make further changes to the date or time, press the NAVIGATION RIGHT button to move to the day, time, and AM/PM setting, and the NAVIGATION UP or NAVIGATION DOWN button to modify each option. Once the current date and time have been set, press the * button.

Adjusting Volume Levels



To maximize sound fidelity, it is recommended that volume levels be adjusted from your amplification equipment.

ProFusion XS Gold supports independent volume levels for each zone of audio. Any changes in volume level will affect only the selected zone.

Adjusting the volume level for a desired zone from the title/artist information screen:

STEP 1 Press the * button to access the Control Panel menu system.

STEP 2 Press the NAVIGATION UP or NAVIGATION DOWN button until *Volume Control* is highlighted, then press the * button.

STEP 3 Press the NAVIGATION UP or NAVIGATION DOWN button until the desired zone is highlighted, then press the * button.



STEP 4 Press the NAVIGATION LEFT button to decrease the volume level and the NAVIGATION RIGHT button to increase the volume level.



STEP 5 Once the appropriate volume level has been set, press the * button to accept the change.

Muting a Zone

Muting a desired zone from the title/artist information screen:

STEP 1 Press the * button to access the Control Panel menu system.

STEP 2 Press the NAVIGATION UP or NAVIGATION DOWN button until *Volume Control* is highlighted, then press the * button.

STEP 3 Press the NAVIGATION DOWN button until *Mute <Desired Zone>* is highlighted, then press the * button.



Turning the mute off for a desired zone from the title/artist information screen:

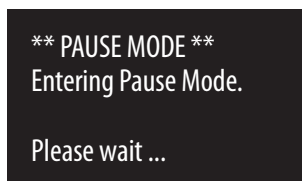
- STEP 1** Press the * button to access the Control Panel menu system.
- STEP 2** Press the NAVIGATION UP or NAVIGATION DOWN button until *Volume Control* is highlighted, then press the * button.
- STEP 3** Press the NAVIGATION UP or NAVIGATION DOWN button until the desired zone is highlighted, then press the * button. Entering the *Volume Control* menu option for the selected zone will restore the previously set volume level for the zone.



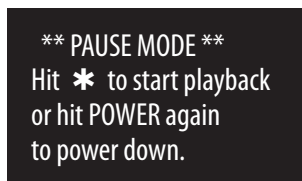
- STEP 4** Press the * button to exit the *Volume Control* menu option.

Pause Mode

If it is necessary to stop playback on all zones immediately, press the POWER button once.



The music from all zones will fade down as your ProFusion XS Gold enters *Pause Mode*. When your ProFusion XS Gold is in *Pause Mode*, all functionality remains active but all zones will stop playback.



To resume playback on all zones when in *Pause Mode*, press the * button. Your ProFusion XS Gold will re-enter *Playback Mode* with the appropriate scheduled styles playing on all zones. To shut down your ProFusion XS Gold from *Pause Mode*, press the POWER button again.

Note: If your ProFusion XS Gold is configured for Network update, it will update at its scheduled time while in *Pause Mode*.

Advanced Operation

Network Connectivity (Ethernet Update Only)

The *Network Control* menu option provides information regarding the network configuration for your ProFusion XS Gold, the ability to modify and test the current network configuration, and an option to initiate updates.

ProFusion XS Gold utilizes the FTP protocol to connect to its designated server for updates. In order to connect, your firewall will need to allow FTP traffic from your ProFusion XS Gold to its designated update server.

Viewing the Network Settings

The *View Settings* menu option displays the current network configuration for your ProFusion XS Gold. This includes the IP type (DHCP or Static), IP address, subnet mask, default gateway, and the IP address of the FTP server your ProFusion XS Gold will connect to for updates.

Viewing the network settings from the title/artist information screen:

- STEP 1** Press the * button to access the Control Panel menu system.
- STEP 2** Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.
- STEP 3** Press the NAVIGATION UP or NAVIGATION DOWN button until *View Settings* is highlighted, then press the * button.
- STEP 4** Press the NAVIGATION UP or NAVIGATION DOWN button to scroll through the settings.



```
IP: 10.1.5.230
SNM: 255.255.0.0
GW: 10.1.0.1
< MENU | EXIT >
```

- STEP 5** Press the NAVIGATION LEFT button to return to the previous menu option and the NAVIGATION RIGHT button to exit to the title/artist information screen.



Modifying the network settings incorrectly will likely render your ProFusion XS Gold unable to connect for updates. Proceed only at the direction of your network administrator or DMX.

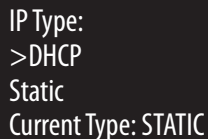
Changing the IP Type

Changing the IP type from the title/artist information screen:

- STEP 1** Press the * button to access the Control Panel menu system.
- STEP 2** Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.
- STEP 3** Press the NAVIGATION UP or NAVIGATION DOWN button until *Set Configuration* is highlighted, then press the * button.

Note: The *Set Configuration* menu option requires an unlock code. If access to the *Set Configuration* menu option is needed, contact DMX Customer Service. See “Appendix E: Contact DMX” (p. 25).

- STEP 4** Press the NAVIGATION UP or NAVIGATION DOWN button until *Set IP Type* is highlighted, then press the * button.
- STEP 5** Press the NAVIGATION UP or NAVIGATION DOWN button to toggle between *DHCP* and *Static* and press the * button to select the desired type.



IP Type:
>DHCP
Static
Current Type: STATIC



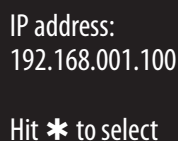
It is highly recommended that a connectivity test is performed after changing any network settings. See *Testing the Network Settings* (p. 17) for instructions.

Changing the IP Address

Changing the IP address from the title/artist information screen:

- STEP 1** Press the * button to access the Control Panel menu system.
- STEP 2** Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.
- STEP 3** Press the NAVIGATION UP or NAVIGATION DOWN button until *Set Configuration* is highlighted, then press the * button.
- Note:** *The Set Configuration menu option requires an unlock code. If access to the Set Configuration menu option is needed, contact DMX Customer Service. See “Appendix E: Contact DMX” (p. 25).*
- STEP 4** Press the NAVIGATION UP or NAVIGATION DOWN button until *Set IP Address* is highlighted then press the * button.
- STEP 5** Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the first digit of the first octet (group of numbers), then press the NAVIGATION RIGHT button to move to the second digit of the first octet.

Note: *IP addresses such as 192.168.1.100 should be entered as 192.168.001.100.*



IP address:
192.168.001.100

Hit * to select

- STEP 6** Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the second digit of the first octet, then press the NAVIGATION RIGHT button to move to the third digit of the first octet.
- STEP 7** Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the third digit of the first octet, then press the NAVIGATION RIGHT button to move to the first digit of the second octet.
- STEP 8** Repeat steps 5 – 7 for the remaining octets, then press the * button to accept the change.



It is highly recommended that a connectivity test be performed after changing any network settings. See *Testing the Network Settings* (p. 17) for instructions.

Changing the Subnet

Changing the subnet from the title/artist information screen:

STEP 1 Press the * button to access the Control Panel menu system.

STEP 2 Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.

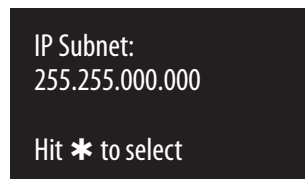
STEP 3 Press the NAVIGATION UP or NAVIGATION DOWN button until *Set Configuration* is highlighted, then press the * button.

Note: *The Set Configuration menu option requires an unlock code. If access to the Set Configuration menu option is needed, contact DMX Customer Service. See “Appendix E: Contact DMX” (p. 25).*

STEP 4 Press the NAVIGATION UP or NAVIGATION DOWN button until *Set IP Subnet* is highlighted, then press the * button.

STEP 5 Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the first digit of the first octet (group of numbers), then press the NAVIGATION RIGHT button to move to the second digit of the first octet.

Note: *Subnet addresses such as 255.255.0.0 should be entered as 255.255.000.000.*



STEP 6 Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the second digit of the first octet, then press the NAVIGATION RIGHT button to move to the third digit of the first octet.

STEP 7 Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the third digit of the first octet, then press the NAVIGATION RIGHT button to move to the first digit of the second octet.

STEP 8 Repeat steps 5 – 7 for the remaining octets, then press the * button to accept the change.



It is highly recommended that a connectivity test be performed after changing any network settings. See *Testing the Network Settings* (p. 17) for instructions.

Changing the Default Gateway

Changing the default gateway from the title/artist information screen:

STEP 1 Press the * button to access the Control Panel menu system.

STEP 2 Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.

STEP 3 Press the NAVIGATION UP or NAVIGATION DOWN button until *Set Configuration* is highlighted, then press the * button.

Note: *The Set Configuration menu option requires an unlock code. If access to the Set Configuration menu option is needed, contact DMX Customer Service. See “Appendix E: Contact DMX” (p. 25).*

STEP 4 Press the NAVIGATION UP or NAVIGATION DOWN button until *Set Default Gateway* is highlighted, then press the * button.

- STEP 5** Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the first digit of the first octet (group of numbers), then press the NAVIGATION RIGHT button to move to the second digit of the first octet.

Note: IP addresses such as 192.168.1.1 should be entered as 192.168.001.001.

IP Gateway:
192.168.001.001

Hit * to select

- STEP 6** Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the second digit of the first octet, then press the NAVIGATION RIGHT button to move to the third digit of the first octet.
- STEP 7** Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the third digit of the first octet, then press the NAVIGATION RIGHT button to move to the first digit of the second octet.
- STEP 8** Repeat steps 5 – 7 for the remaining octets, then press the * button to accept the change.



It is highly recommended that a connectivity test be performed after changing any network settings. See *Testing the Network Settings* (p. 17) for instructions.

Changing the FTP Server

Changing the FTP server IP address from the title/artist information screen:

- STEP 1** Press the * button to access the Control Panel menu system.
- STEP 2** Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.
- STEP 3** Press the NAVIGATION UP or NAVIGATION DOWN button until *Set Configuration* is highlighted, then press the * button.
- Note:** The *Set Configuration* menu option requires an unlock code. If access to the *Set Configuration* menu option is needed, contact DMX Customer Service. See “Appendix E: Contact DMX” (p. 25).
- STEP 4** Press the NAVIGATION UP or NAVIGATION DOWN button until *Set FTP Server* is highlighted, then press the * button.
- STEP 5** Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the first digit of the first octet (group of numbers), then press the NAVIGATION RIGHT button to move to the second digit of the first octet.

Note: IP addresses such as 66.150.1.5 should be entered as 066.150.001.005.

FTP Server IP:
066.150.001.005

Hit * to select

- STEP 6** Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the second digit of the first octet, then press the NAVIGATION RIGHT button to move to the third digit of the first octet.
- STEP 7** Press the NAVIGATION UP or NAVIGATION DOWN button to set the value for the third digit of the first octet, then press the NAVIGATION RIGHT button to move to the first digit of the second octet.

STEP 8 Repeat steps 5 – 7 for the remaining octets, then press the * button to accept the change.



It is highly recommended that a connectivity test is performed after changing any network settings. See *Testing the Network Settings* (p. 17) for instructions.

Testing the Network Settings

Initiating a test connection from the title/artist information screen:

STEP 1 Press the * button to access the Control Panel menu system.

STEP 2 Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.

STEP 3 Press the NAVIGATION UP or NAVIGATION DOWN button until *Set Configuration* is highlighted, then press the * button.

Note: *The Set Configuration menu option requires an unlock code. If access to the Set Configuration menu option is needed, contact DMX Customer Service. See “Appendix E: Contact DMX” (p. 25).*

STEP 4 Press the NAVIGATION UP or NAVIGATION DOWN button until *Test Network Connection* is highlighted, then press the * button to initiate the *Test Network Connection* option.



BACK
>Test Network Connection
Set IP Type
Set IP Address

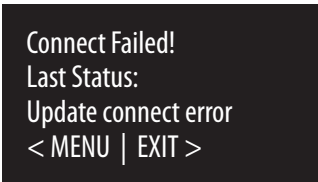
STEP 5 ProFusion XS Gold will attempt to connect to its designated server. If the *Test Network Connection* is successful, the LCD control panel will display *Connection Successful!*.



Connect Successful!
Installation PIN:

< MENU | EXIT >

If the *Test Network Connection* fails, the LCD control panel will display the message below with the third line indicating the nature of the connectivity problem.



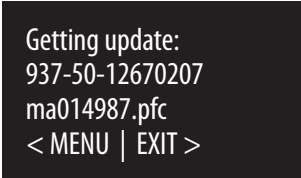
Connect Failed!
Last Status:
Update connect error
< MENU | EXIT >

Viewing the Update Status

The *View Update Status* menu option displays the current connectivity status of your ProFusion XS Gold. If your ProFusion XS Gold is not currently connected, the *View Update Status* menu option will display the results of the last connection attempt.

Accessing the *View Update Status* menu option from the title/artist information screen:

- STEP 1** Press the * button to access the Control Panel menu system.
- STEP 2** Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.
- STEP 3** Press the NAVIGATION UP or NAVIGATION DOWN button until the *View Update Status* menu option is highlighted, then press the * button.
- STEP 4** If your ProFusion XS Gold is currently connected, the *View Update Status* menu option will display the current connection activity.



Getting update:
937-50-12670207
ma014987.pfc
< MENU | EXIT >

If your ProFusion XS Gold is not connected, the *View Update Status* will display *Connection Idle*, along with the status of the last connection attempt.



Connection Idle
Last Status:
Successful !
< MENU | EXIT >

Updating the Configuration

The *Update Configuration* menu option allows you at any time to connect and check for configuration changes and software updates. This menu option will not download any available new content.

Initiating a configuration only update from the title/artist information screen:

- STEP 1** Press the * button to access the Control Panel menu system.
- STEP 2** Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.
- STEP 3** Press the NAVIGATION DOWN button until the *Update Configuration* menu option is highlighted, then press the * button to initiate the configuration update.

Updating the Content & Configuration

The *Update Content & Configuration* menu option allows you at any time to connect and check for configuration changes and software updates, as well as new music content. With this menu option, ProFusion XS Gold will download any available configuration changes, software updates and new music content.

Note: *If new content is available for download, your ProFusion XS Gold may be updating for a long period of time. It is advisable to check with your network administrator before selecting this menu option.*

Initiating a content and configuration update from the title/artist information screen:

- STEP 1** Press the * button to access the Control Panel menu system.
- STEP 2** Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.

STEP 3 Press the NAVIGATION DOWN button until the *Update Music & Config* menu option is highlighted, then press the * button to initiate the content and configuration update.

Stopping an Update

The *Stop Updating* menu option allows you to terminate an active update. ProFusion XS Gold will resume the download where it left off the next time it connects for an update.

Stopping an update from the title/artist information screen:

STEP 1 Press the * button to access the Control Panel menu system.

STEP 2 Press the NAVIGATION DOWN button until *Network Control* is highlighted, then press the * button.

STEP 3 Press the NAVIGATION DOWN button until *Stop Updating* menu option is highlighted, then press the * button to terminate the connection. It may take up to one minute for the connection to terminate. When the update has stopped, the control panel will display *Connection Idle*.

Scheduling

ProFusion XS Gold scheduling supports the ability to play specific styles at designated times, days, and seasonal or promotional events. This ensures the correct style of music is playing for your locations at the correct times and days. This differs from the Style Blocking feature which denies local access to designated styles.

Your ProFusion XS Gold will arrive with pre-configured *dayparting*. If necessary your *dayparting* schedule can be overridden from the Control Panel menu system. The *Schedule Control* menu option allows you to view and change the current *Schedule Mode* and add/remove Custom schedules from your ProFusion XS Gold.

ProFusion XS Gold supports the following *Schedule Modes*:

- *DMX Schedule* – the default schedule specifically configured for your ProFusion XS Gold.
- *Custom Schedule* – a schedule created from the Control Panel menu system that designates a time a specific style will start.
- *No Schedule* – when selected, this mode will stop playback until a style is selected using the STYLE buttons. Selected styles will continue to play until a new style is selected or the *Schedule Mode* is changed.

Changing the *Schedule Mode* from the title/artist screen:

STEP 1 Press the * button to access the Control Panel menu system.

STEP 2 Press the NAVIGATION DOWN button until *Schedule Control* is highlighted, then press the * button.

STEP 3 Press the NAVIGATION UP or NAVIGATION DOWN button until *Select Schedule* is highlighted, then press the * button.

STEP 4 Press the NAVIGATION UP or NAVIGATION DOWN button until the desired *Schedule Mode* is highlighted, then press the * button.

Creating a *Custom Schedule* from the title/artist screen:

STEP 1 Press the * button to access the Control Panel menu system.

STEP 2 Press the NAVIGATION DOWN button until *Schedule Control* is highlighted, then press the * button.

- STEP 3** Press the NAVIGATION UP or NAVIGATION DOWN button until *Add Custom Schedule* is highlighted, then press the * button.
- STEP 4** Press the NAVIGATION UP or NAVIGATION DOWN button until the correct hour is set for your *Custom Schedule*.
- STEP 5** Press the NAVIGATION RIGHT button to move to the minutes, and AM/PM setting, and use the NAVIGATION UP or NAVIGATION DOWN button to modify each option. Once the correct time has been set, press the * button.
- STEP 6** Press the NAVIGATION UP or NAVIGATION DOWN button until the desired style is highlighted, then press the * button.
- STEP 7** Press the NAVIGATION RIGHT button to exit to the main screen.

RS-232 Serial Port

The ProFusion XS Gold provides a male 9 pin D-sub connector which supports RS-232 communications protocols. This allows your ProFusion XS Gold to be controlled using external third party equipment. The functionality is limited to the ability to change styles on desired zones.

Note: *Please contact DMX customer service for the “ProFusion XS Gold Serial Control Specification” documentation if you wish to use this feature. See “Appendix E: Contact DMX” (p. 25)*

System Diagnostics

The *System Diagnostics* menu option, used for troubleshooting, can only be accessed with the assistance of a DMX Customer Service agent.

Appendix A: Glossary

*** Button:** This button, located in the middle of the NAVIGATION buttons, is similar to an Enter button on a keyboard. The * button is used to select options from the Control Panel menu system.

Configuration: A set of unique settings such as scheduling, playback start and stop times, and settings specific to your device.

Control Panel Menu System: A software interface that allows the user to perform numerous tasks, including: stopping/starting playback, adjusting volume levels and modifying/testing network settings.

Custom Schedule: A scheduled style and start time for a desired zone, that is created by the user from the Control Panel menu system.

Dayparting: The ability to play specific styles at designated times and days, so the correct style of music is playing for your locations at the correct time and on the correct days.

Firewall: Networking hardware specifically designed to permit or deny Ethernet network traffic.

FTP Server: A server to which your ProFusion XS Gold connects, using the FTP protocol, for music and configuration updates.

Navigation Buttons: A set of four buttons (LEFT, RIGHT, UP and DOWN), located to the right of the LCD Display Panel and above the POWER button, used to navigate the Control Panel menu system.

Pause Mode: A feature that allows the user to immediately stop playback on all zones by pressing the POWER button once.

Playback Mode: ProFusion XS Gold is playing music based on its Schedule Mode.

POWER Button: The POWER button is used to power on and off ProFusion XS Gold as well as put it into Pause Mode. When ProFusion XS Gold is powered on and the POWER button is pressed once, it will enter Pause mode. Press the POWER button again to shut down.

RS-232 Serial Port: An RS-232 communications interface that allows ProFusion XS Gold to be controlled using external equipment connected to this port. The functionality is limited to the ability to change styles on desired zones.

Style: A unique musical experience referring to a particular DMX music program such as *Jazz*, *Classic Rock*, etc.

Style Blocking: A configuration restriction that prevents certain styles from being selected from the front panel during specified hours.

Style Buttons: A set of buttons (UP and DOWN), located to the left of the LCD display panel, which are used to change styles.

Title/Artist Information: Information displayed on the main screen of the Control Panel menu system for each available zone during music playback, regarding the content currently playing.

Zone: ProFusion XS Gold has the capability to provide up to two discreet stereo outputs allowing for unique music types in different areas of a business.

Appendix B: Troubleshooting

This section provides a basic troubleshooting guide for the most common issues. If this list does not help you resolve your issue, or if you have an issue that is not listed below, please contact DMX Customer Service (see p. 25) for assistance.

GENERAL ISSUES	POSSIBLE SOLUTION	PAGE
No power	Verify the power cord is properly connected to your ProFusion XS Gold.	5
	Verify the power cord is connected to a known working electrical outlet.	–
Control panel displays <i>Machine Expired</i>	Contact DMX Customer Service.	25
Control panel displays <i>You do not have permissions to use this feature</i>	The menu option selected is disabled as requested for this ProFusion XS Gold. Contact DMX if permissions for this menu are needed.	8, 25
PLAYBACK ISSUES		
Music does not start at the correct time	Verify the date and time is correctly set.	10
	Verify the Schedule Mode is set to <i>DMX Schedule</i> .	–
Control panel displays <i>Music Stopped</i>	Verify the date and time is correctly set.	10
AUDIO ISSUES		
No or low volume levels	Verify the audio cable is connected to the correct audio output of your ProFusion XS Gold and the correct input of your audio equipment.	3
	Verify the volume level for your ProFusion XS Gold is sufficiently turned up.	11
	Verify the volume level of the amplification equipment your ProFusion XS Gold is connected to is sufficiently turned up.	–
DISC UPDATE ISSUES		
Disc update not properly installing	Verify the disc is free of scratches, smudges, or fingerprints.	7
	Verify the disc has been properly inserted in the DVD-ROM tray.	7
	Confirm the Device ID on the disc matches the Device ID of your ProFusion XS Gold.	8
Disc update taking longer than 10 minutes	Allow the update to run for at least 15 minutes. If the update has not completed, shut down your ProFusion XS Gold and wait 15 seconds before powering the device back on. After the device beeps once, eject the disc and verify it is free of scratches, smudges, or fingerprints. Attempt the update again. If the update continues to take longer than 15 minutes, contact DMX Customer Service.	6, 7, 25
Control panel display <i>Incorrect CD for this device</i>	Confirm the Device ID matches the Device ID of your ProFusion XS Gold. If the Device ID on the disc matches the Device ID of your ProFusion XS Gold, and the update continues to produce the <i>Wrong Device ID</i> error message, contact DMX Customer Service.	8, 25

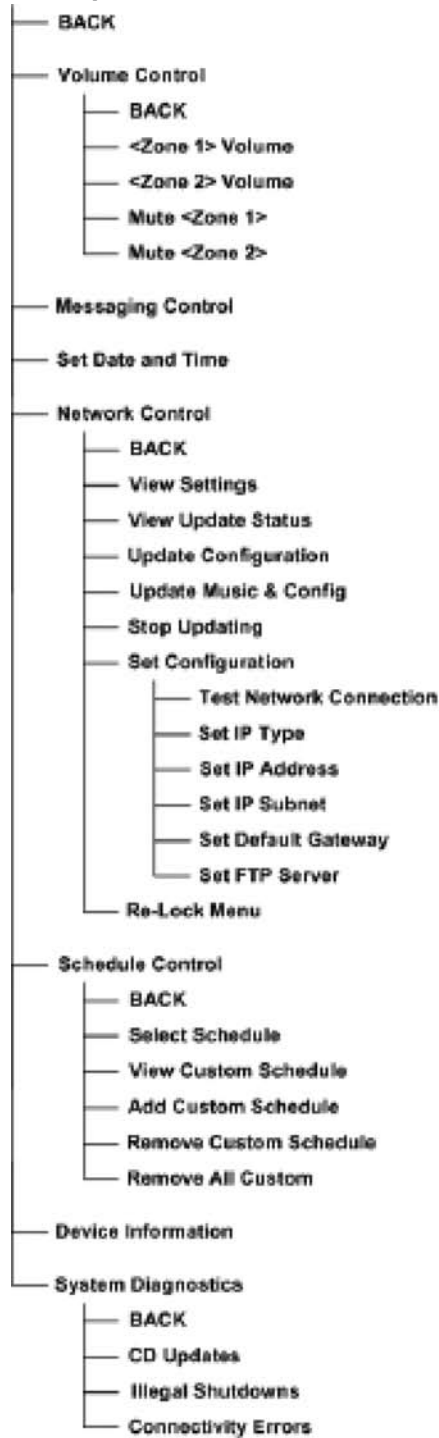
DISC UPDATE ISSUES (CONT.)	POSSIBLE SOLUTION	PAGE
Control panel display <i>Incorrect CD Type</i>	Verify the disc has “ProFusion XS Gold” printed on the right side of the disc.	–
	Contact DMX Customer Service.	25
Control panel displays <i>Old Config Ver</i>	Verify you are loading the most recent update. The disc will have the date created printed on them.	–
	If your ProFusion XS Gold is configured to receive its updates via Network, it may have received newer configuration from a Network update. Continue loading any discs you received as your ProFusion XS Gold will update any content on the discs.	–

NETWORK UPDATE ISSUES

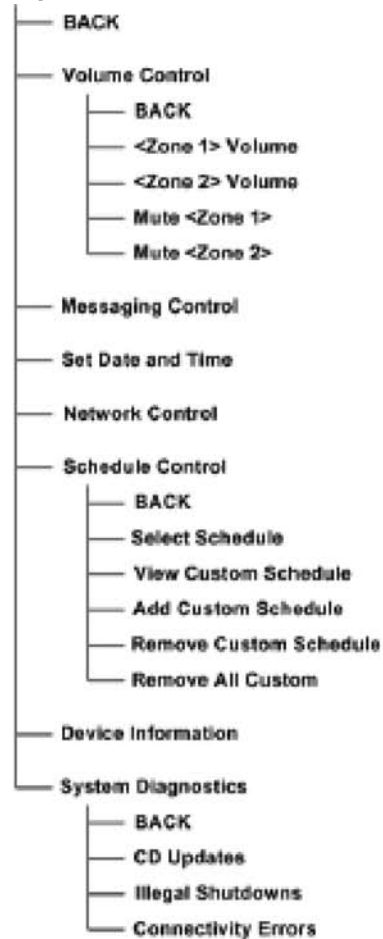
Control panel displays <i>Update Connect Error</i> after an Ethernet update is attempted	Verify the network settings for your ProFusion XS Gold are correct for your network.	13
	Verify your network firewall is configured to allow FTP traffic from your ProFusion XS Gold to its designated server.	13
Control panel displays <i>FTP Test Failed</i> after Test Network Connect attempted	Verify the Ethernet cable is properly connected to your ProFusion XS Gold and your network equipment.	3, 5
	Verify the network settings for your ProFusion XS Gold are correct for your network.	13
	Verify your network firewall is configured to allow FTP traffic from your ProFusion XS Gold to its designated server.	13

Appendix C: Control Panel Menu System Tree

Network Update



Disc Update



Appendix D: Specifications

Connections

Audio:	(2) Stereo RCA female jacks
Network:	(1) RJ-45 Ethernet port
Communications Port:	(1) Serial port (A)

Power Specifications

Voltage:	115/230 VAC
Range:	105/125 Vrms
Watts:	220 W
Current:	4.0 Arms @ 115V / 2.0 Arms @ 230V
Freq:	47 ~ 63 Hz
Thermal Output:	751 BTUs

Dimensions

Length:	15 ¼" (38.74 cm)
Depth:	9 ½" (24.13 cm)
Height:	3 ½" (8.89 cm)
Weight:	11 lbs (4.99 kg)

Appendix E: Contact DMX

Before contacting DMX Customer Service, please have the following information ready:

- The Device ID for your ProFusion XS Gold (see p. 8)
- The serial number for your ProFusion XS Gold (located on the front and rear panels)
- Your DMX Account Number

Worldwide Customer Support Centers

Africa: + 27 11 780 3000

Brazil: + 55.11. 3457.0654

Canada: +1 800 350 0369

United States: +1 800 345 5000

800.345.5000 * dmX.com
IN CANADA CALL 800.350.0369



Designing Atmospheres
Delivering Experiences