



## INTEGRIS CDP – Owner's Reference Guide

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## Introduction

Thank you for your purchase of the Integris CDP Compact Disc Player and Linestage Preamplifier. This Owner's Reference Guide contains information that will permit you to obtain maximum performance and utility from the Integris CDP's extensive features.

## Unpacking and Repacking

Do not discard any packing materials! You will need them to transport the unit, should that be necessary. Shipping without all proper packaging materials may result in damage.

1. Open the box along the top flaps and remove the top section of protective foam. Remove and set aside the bubble envelop of small parts.
2. Reach around the sides of the unit and lift straight out of the shipping box.
3. Remove the unit from its clear poly bag without tearing the bag. Placing it on a soft but secure surface can make removal easier.
4. Remove the transport bay foam insert. You may wish to leave it in place until the unit has been placed in its final location – this will keep the lid in place during any further movement of the unit.

5. Carefully open one end of the small-parts bubble envelope and remove its contents:
  - Magnetic transport disc clamp
  - Integris R-676 remote
  - 4 AAA alkaline batteries
  - USB cableRemove all items from their sub-packaging. Place the small item packaging back in the bubble envelope.
6. Place the small-parts envelope, transport foam insert, and the box's top foam section back inside the box. Close the box and store in a dry area.

## Placement

The Integris CDP employs a top-loading CD transport that requires sufficient space above it for a user to comfortably load and remove discs and the disc clamp. Ideally the Integris CDP should be placed on a top shelf or where a generous clearance exists.

For optimal placement, put the Integris CDP on a firm level shelf away from heat, humidity, moisture, and vibration. Avoid direct exposure to sunlight.

While stacking components on top of the Integris CDP is not possible, if necessary, the unit may be placed on top of other components. The user should be certain that any supporting components provide a stable and inert platform.

## FRONT PANEL FEATURES AND DEFINITIONS



1	STANDBY SELECTOR	11	CD TIME
2	STANDBY LED	12	MENU
3	VACUUM FLUORESCENT DISPLAY	13	VOLUME UP
4	DISPLAY DIMMER	14	VOLUME DOWN
5	CD PLAY	15	BALANCE LEFT
6	CD STOP	16	BALANCE RIGHT
7	CD PAUSE	17	INPUT SCROLL FORWARD
8	CD SCAN/SKIP REVERSE	18	INPUT SCROLL REVERSE
9	CD SCAN/SKIP FORWARD	19	PHASE INVERSION
10	CD REPEAT		

## Front Panel Features and Definitions

### 1. Standby Selector (STANDBY)

The **STANDBY** button changes the Standby mode from Standby to Operate.

In Standby, the Integris CDP is in a partial sleep mode as an alternative to turning its power fully off via the rear panel mains switch. All circuits are left on and warm for maximum performance upon immediate use. The unit is non-responsive to all commands except another push of the **STANDBY** button.

Upon returning to the Operate mode, the same Volume, Balance, and Input settings remain in effect as when entering Standby.

### 2. Standby LED

In Standby mode, the blue LED is on. In Operate mode, the LED is off.

### 3. Vacuum Fluorescent Display

The VFD provides two rows of bright and clear dot-matrix text. The VFD informs the operator of preamp settings, CD transport playback, and provides real-time acknowledgement of user commands.

### 4. Display Dimmer (DISPLAY)

The VFD's intensity can be adjusted to suit lighting conditions and user preference using the **DISPLAY** button. With each press of the **DISPLAY** button, a message on the VFD will briefly advise the setting selected.

In the 0% or Display Off setting, commands will briefly be confirmed on the display at a 25% intensity level.

DISPLAY Settings
100 %
75 %
50 %
25 %
0 %

## 5-11 CD Transport Controls

### 5. CD Play (PLAY)

The **PLAY** function is available after a CD's table of contents has successfully loaded. Use **PLAY** to start a disc or to remove the disc from Pause mode. During play mode, ► will appear in the lower right of the display.

### 6. CD Stop (STOP)

**STOP** will bring the transport to a complete stop from Play or Pause mode.

### 7. CD Pause (PAUSE)

During CD playback, the **PAUSE** button will hold disc playback from advancing but the transport will continue to spin. Play is resumed by pressing the **PLAY** button. Track Skip is available in Pause mode. While in pause, || appears in the display.

## 8. CD Scan/Skip Reverse (REV)

## 9. CD Scan/Skip Forward (FF)

These buttons enable two functions during CD playback:

- Track Skip – Apply a momentary contact of approximately ¼ second or less to the **REV** or **FF** buttons to have the transport return to the beginning of the track already playing (REV) or advance to the beginning of the next track (FF). Press repeatedly to skip by several tracks.
- Scan – Hold either button down for 1 second or more to move within a track. Initial scanning rate is 3X normal speed and increases to 15X when held for several seconds. One of the reverse or forward scan symbols, <<<, <<, >>, >>>, will appear on the display.

## 10. CD Repeat (REPEAT)

Three Repeat options are available:

REPEAT Settings
No repeat
Single track repeat
Full CD repeat

Pressing the **REPEAT** button will scroll continuously through the options. Each choice is briefly shown on the display after the button is pressed. The last option shown is the Repeat mode selected.

## 11. CD Time (TIME)

The **TIME** button provides four options for real-time display information during CD operation. Each choice is briefly shown on the display after the button is pressed. The last option shown is the CD Time mode selected.

TIME Settings
Elapsed track time
Remaining track time
Elapsed total CD time
Remaining total CD time

## 12-18 Preamplifier Controls

### 12. Menu (MENU)

The **MENU** button accesses a sophisticated set of user-customizable features:

MENU setup areas
Input Name Setting
Analog Level Trim
Volume Control Bypass
Preferences Save and Reset

These are extensively explained in the **MENU – Optional User Settings** section of this Guide.

### 13. Volume Up (VOL +)

### 14. Volume Down (VOL -)

**VOL+** and **VOL-** will incrementally raise or lower the preamp volume control within a range of -60dBu to +20dBu. Lowering the volume to below -60dBu mutes the circuit: the display will provide a **VOLUME MUTE** message.

In normal use, the Volume setting is always shown on the top line of the display regardless of Input selection. During adjustment, a visual volume bar-scale appears temporarily on the display's bottom row to further aid in setting the volume level:



VOLUME BAR

Single presses of the **VOL** buttons will result in changes relative to the Volume setting range:

Volume range	Setting Change
-20 to +20 dBu	0.5dB
-40 to -20 dBu	1.0dB
-60 to -40 dBu	2.0dB

Holding the buttons continuously will temporarily increase the size of the volume control increments to allow for rapid volume adjustment.

**15. Balance Left (BAL L)**

**16. Balance Right (BAL R)**

Each press of the **BAL L** or **BAL R** buttons decreases the opposite channel output in 0.5dB increments. From a nominal center balance position of 0dB, the maximum cut is -6dB. Pressing beyond -6dB puts the lowered channel into full MUTE mode. To restore the balance toward the nominal center position or beyond, press the opposite balance button.

Balance settings are held on the display for two seconds, and appear such as this example for a reduction in Left-channel output:



**17. Input Scroll Forward (INPUT +)**

**18. Input Scroll Reverse (INPUT -)**

The Integris CDP has a total of 11 source Input options including the integral CD transport:

- CD
- UNBALANCED 1
- UNBALANCED 2
- UNBALANCED 3
- BALANCED 1
- BALANCED 2
- S/PDIF 1
- S/PDIF 2
- BNC
- AES/EBU
- TOSLINK

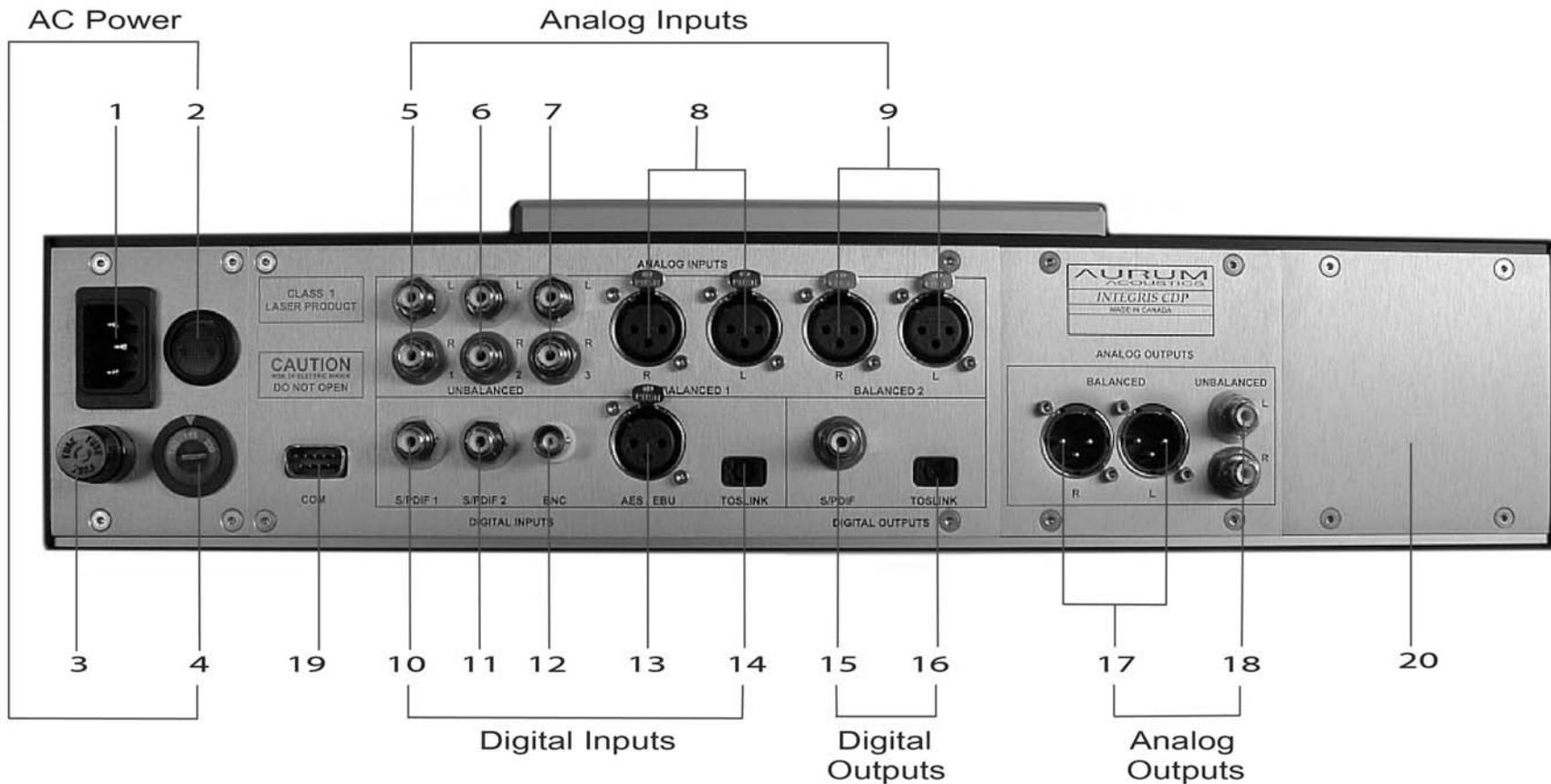
These names may be personalized. Refer to the **MENU – Optional User Settings** section.

The user may select from all sources in sequence using the **INPUT+** and **INPUT-** buttons to scroll through the list. The Input list is continuously looped. All Inputs may be reached by pressing either button.

**19. Phase Inversion (PHASE)**

The PHASE button allows the user to alternate the absolute electrical and acoustic polarity of a signal from any Input. The choice of **0°** or **180°** will be shown briefly on the display.

## Back Panel Features and Definitions



- 1 MAINS POWER INLET
- 2 POWER SWITCH
- 3 MAINS POWER FUSE -1/4 A
- 4 VOLTAGE SELECTOR
- 5 UNBALANCED INPUT 1
- 6 UNBALANCED INPUT 2
- 7 UNBALANCED INPUT 3
- 8 BALANCED INPUT 1
- 9 BALANCED INPUT 2
- 10 DIGITAL INPUT S/PDIF 1

- 11 DIGITAL INPUT S/PDIF 2
- 12 DIGITAL INPUT BNC
- 13 DIGITAL INPUT AES /EBU
- 14 DIGITAL INPUT TOSLINK
- 15 DIGITAL OUTPUT S/PDIF
- 16 DIGITAL OUTPUT TOSLINK
- 17 BALANCED OUTPUT
- 18 UNBALANCED OUTPUT
- 19 COM PORT
- 20 EXPANSION SLOT

## Back Panel Features and Definitions

### 1-4 Mains Power Panel

The Integris CDP is designed for use with all major AC power systems. The unit has built-in RFI filtering for superior performance.

#### 1. Mains Power Inlet

A power cord with an IEC 10-15Amp female plug is required to connect AC power to the Integris CDP. We recommend quality aftermarket power cords and direct connection to a quality AC outlet for best performance.

#### 2. Power Switch

The mains rocker switch illuminates in the On position. The mains switch may be used to isolate all of the Integris CDP's internal circuits from AC power.

Switching off power will reset all user-configurable operating parameters to factory default or to the last saved user-settings, if present.

#### 3. Mains Power Fuse – 1/4 A

The fuse is a 0.25 x 1.25 inch slow-blow type rated at 1/4Amp/250V. Replace only with the same type and value.

#### 4. Voltage Selector

Confirm that the voltage selector is set to the nearest standard voltage in your area. All products should be delivered preset to the correct voltage but exceptions

can occur. Do not connect power until you are certain of the correct voltage setting.

### 5-9. Analog Preamp Inputs

The analog preamplifier section of the Integris CDP has five line-level buffered Inputs. Highest quality components are used to allow external sources to achieve their maximum potential.

#### 5-7. Unbalanced Inputs 1-3

These three inputs accept signals via unbalanced RCA-equipped interconnect cables, the most common type in use. The Integris CDP's RCA jacks are premium high performance components from cabling specialist **Cardas Audio**.

#### 8-9. Balanced Inputs 1-2

These two inputs accept signals via balanced XLR-equipped interconnect cables.

### 10-14. Digital Inputs

The Integris CDP has five digital inputs that accept PCM (pulse code modulated) signals from 32kHz-192kHz at 16-24 bit word length for two-channel playback. Examples of these sources include CD transports, DVD-Audio, DAT decks, and many PC-based applications. All digital inputs are routed through the Quantum resampler and Delivered to the onboard DAC (digital to analog converter) at a sample rate of 24 bit/192kHz.

Non-PCM signals are not accommodated: these include DSD and other one-bit formats as well as compressed formats such as MP-3 and Dolby Digital.

### 10-11. S/PDIF 1-2

These connections accommodate the most common digital interconnect interface using RCA-connector equipped cables and 75ohm load impedance. These Inputs also accommodate PCM sample rates different than the S/PDIF standard of 16 bit/44.1kHz.

### 12. BNC

This connection is essentially the same as S/PDIF 1-2 but with an alternate cable connector, the BNC.

### 13. AES/EBU

This is a balanced digital connection, as found on some digital sources requiring an XLR equipped digital interconnect and 110ohm load impedance.

### 14. TOSLINK

This input allows connection to a source with Toslink (EIAJ) optical transmission of the standard S/PDIF digital signal.

### 15-16. Digital Outputs

The digital outputs are monitoring loops that allow return of the digital signal input to the source or to a secondary component or system.

These signals are returned at the native sampling rate at which they are received: Quantum resampling is not

applied. The internal CD transport is available from these outputs at the standard sampling rate of 16 bit/44.1kHz.

### 15. S/PDIF

This connection accommodates the most common digital interconnect interface using an RCA-connector equipped cable and 75ohm load output impedance.

### 16. TOSLINK

This output allows connection to a receiver with Toslink (EIAJ) optical transmission.

### 17-18. Analog Outputs

The preamplifier's analog outputs are capable of properly driving virtually all audio power amplifiers. Their buffered outputs provide low output impedance and high current capability to drive both high- and low-impedance loads. All signals are managed by the volume control circuit unless the Volume Control Bypass feature is enabled – see the **MENU – Optional User Settings** section. Balanced and unbalanced signal outputs may be used individually or simultaneously.

### 17. Balanced Outputs

This connection type, requiring XLR-equipped analog interconnects, is recommended when connecting to power amplifiers with fully-differential circuits. It may also be preferred in EMI/RFI prone environments or for especially long cable runs.

### 18. Unbalanced Outputs

This connection type, requiring RCA-equipped analog interconnects, is the most common cable and connector

type found on audio amplifiers. These outputs, using connectors from Cardas Audio, provide a very high level of performance in most situations.

### **19-20. Upgrade Potential**

Aurum Acoustics has designed the Integris CDP to be modular, expandable, and upgradeable. The internal digital and analog systems are designed for possible upgrades and enhancements. Other new hardware and software applications may be created for the Integris CDP to increase its performance and utility. With the COM Port and Expansion Panel, the user will have the option to self-install new offerings. Check [www.aurumacoustics.com](http://www.aurumacoustics.com) and with your Aurum Acoustics retailer for developments.

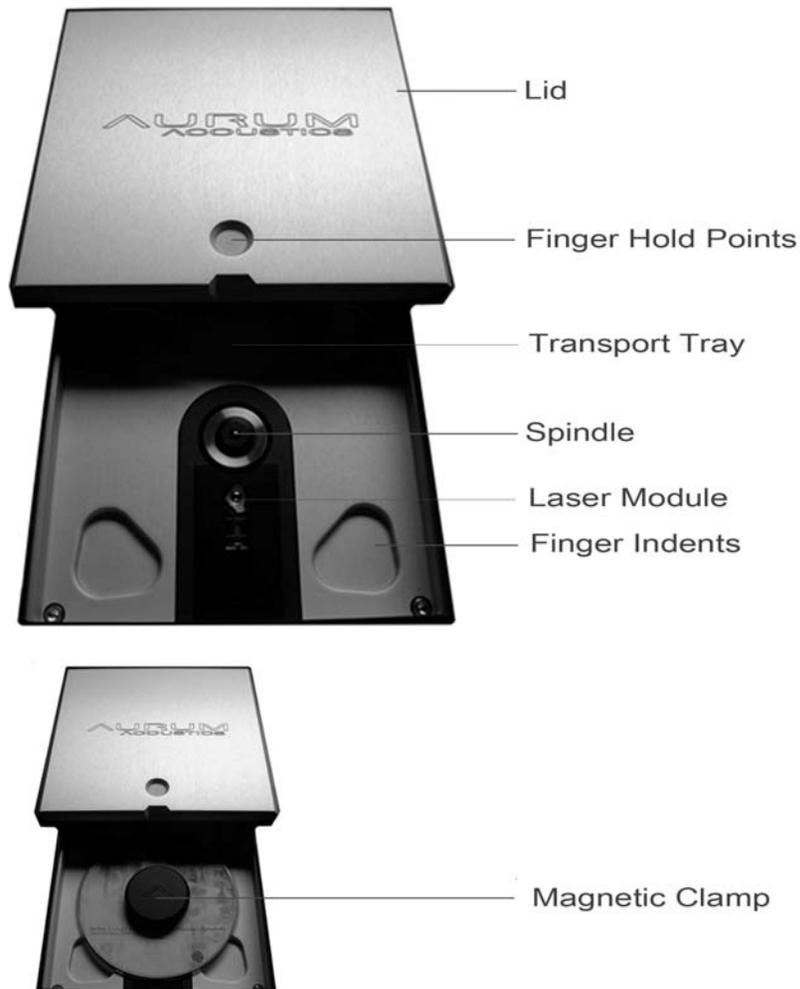
### **19. COM Port**

Firmware upgrades can be made via connection of this RS-232 serial port to a PC. As needed, Aurum Acoustics will make available software and instructions allowing the user to execute a firmware update. Presently there are no user-accessible features serviceable via the COM Port.

### **20. Expansion Panel**

The area behind the expansion panel is presently an unused space available for adding new hardware options. Aurum Acoustics may develop high performance accessory modules permitting even greater integrated capabilities from within the Integris CDP platform.

## CD Transport Mechanism Operation



The internal CD transport is designed to deliver the finest performance possible from the CD format. It uses the robust and accurate top-loading Philips CDPro-2M transport and laser module on an Aurum Acoustics-designed mechanical isolation system. The transport module is secured to a massive machined aluminum transport-tray for inertial stability. The transport-tray floats above the bottom panel on flexible mounts and is held completely independent of the top panel and lid. The manually placed magnetic clamp further ensures total transport system isolation from the chassis.

### 1. Lid Operation

The lid requires manual operation. Use the circle and notch indentations on the front end of the lid as finger-hold points to gently slide it forward and backward. The robust slider mechanism utilizes Teflon rods that will never need adjusting under normal use.

### 2. Disc Placement and Removal

With the lid open, hold a CD by its outer edge and lower it onto the transport spindle. The four finger indents allow correctly placed fingers to do this comfortably.

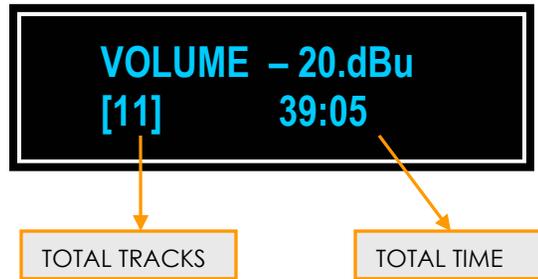
### 3. Clamp Placement

The magnetic clamp is precisely machined from aluminum to provide steady inertia, clamping force, and damping for accurate disc reading. It should be gently placed onto the center of the transport spindle.

### 4. Transport Initialization

When you close the lid, the transport initializes the disc and reads its table of contents. Initialization requires several seconds to complete and is not the same for all CDs. Discs with many tracks take more time to read.

The VFD will show the general parameters of the CD including number of tracks and total disc time as per the graphic below. This is also the default display mode for CDs in Stop mode.



Ensure that the CD Input is selected. The transport will not respond and remains idle unless the CD Input is selected.

CD transport commands can now be applied from the remote or front panel control.

If the disc has failed to initialize properly, the VFD will deliver a **NO DISC** message. If any unusual noise was heard during the attempted initialization, the disc and clamp may not have been placed properly. Readjust the positioning of disc and clamp and close the lid.

Only properly encoded CDs will be recognized: other disc types and CDs burned with non-Redbook format data will not be recognized.  
SACDs will be playable if a Redbook-compatible layer is present.

## 5. Disc Removal

First ensure the transport has stopped. This can be verified by confirming the default Stop mode display. Slide the lid open, remove the clamp, and then reach into the finger indents and lift the disc by its outer edge.

If not replacing with another CD, close the lid to protect the transport. Do not store the clamp in the transport bay without a CD in place.

## Integrus CDP R-676 Remote Control



### Overview

The Integrus CDP R-676 remote control handset was developed in conjunction with Logitech Harmony, a leader in multi-function remote control solutions.

Aurum Acoustics has programmed the remote with a command set tailored for easy control of the Integrus CDP. The instructions that follow are limited to the operation of the Integrus CDP.

Users may freely install and customize programming for additional devices. Refer to the Logitech Harmony website, [www.logitech.com](http://www.logitech.com), for instructions. The supplied USB cable is required only for this purpose.

The remote's infrared transmitter system allows one way communication only. The user must watch the main unit's VFD for visual feedback of commands sent via remote.

## Batteries

A set of 4 AAA 1.5V alkaline batteries is included. Under general use, battery life expectancy is approximately 3 months. Alkaline batteries are the recommended replacement.

The remote will provide a **Replace Battery** message after the operating voltage drops to a critical level. From this point on, weak batteries may continue to provide operation for several days; however full LCD display capability is lost and the infrared transmitter will not perform at its best.

Non-alkaline disposable batteries work but will drain much faster. Better quality rechargeable nickel-metal-hydride (NiMH) batteries can provide performance comparable to alkalines.

## Initial Turn-on and Standby

After inserting batteries, press the red button near the top of the remote embossed with the music-note 🎵. This is the **Standby On** button. It will prompt the remote to activate its preprogrammed codes for the Integrus CDP. The LCD display will appear as in the picture at right.



The remote is now ready to operate the main unit. To use the Standby feature of the Integrus CDP, press the grey **OFF** button. The remote's LCD will go into a generic

default display mode. To return to use, press the red 🎵 **Standby On** button.

## Synchronization

Depending upon the initial power and standby status of the Integrus CDP, the remote and main unit could be in opposite modes. To synchronize them, if the remote is On and the player in Standby mode, press the main unit's front panel **STANDBY** button to bring it into its Operate mode. If the remote is OFF and the main unit is in Operate, press the front panel **STANDBY** button to put it into Standby mode. When synchronized, the remote can be used to engage or disengage Standby settings correctly.

As an alternate to synchronizing by means of the front panel button, the user may cover the IR transmitter on the end of the remote and press whichever of the remote's Standby On/Off buttons as necessary to make the remote and main unit agree.

If already properly synchronized, using the front-panel Standby button directly will put the two devices into opposite standby conditions. Be aware that if using the front panel **STANDBY** button to put the main unit into Standby mode, the user should then use the front panel button again to take it out of Standby. This will ensure that the remote and main unit are synchronized again. Standby is the only function where this type of confusion could occur.

## Unique Button Assignments

Nearly all Integris CDP front panel controls are duplicated on the remote. The remote also provides direct CD track entry and a Mute option.

The graphic of the R-676 on the following page illustrates the function of all buttons related to operation of the Integris CDP.

**Non-Usable Buttons:** On the R-676 graphic, a number of buttons have been over-marked with **X**. These buttons are not assigned to any commands for the Integris CDP. They are available for use with other devices the user may load into the remote.

**CD Transport Controls:** For convenience, the CD transport controls occupy two areas.

- On the two rows of buttons above the 5-way toggle. These are labeled with the standard transport playback symbols.
- On the 5-way toggle and on the **CH +/-** rocker button. The 5-way toggle is configured exactly like the 5-button CD control array on the front panel. The **CH +/-** button provides convenient track skip control.

**Preamp Input Selection:** The buttons labeled **A** and **B**, having **- INPUT +** silk-screened below them, provide continuous scrolling through the 11 available Inputs.

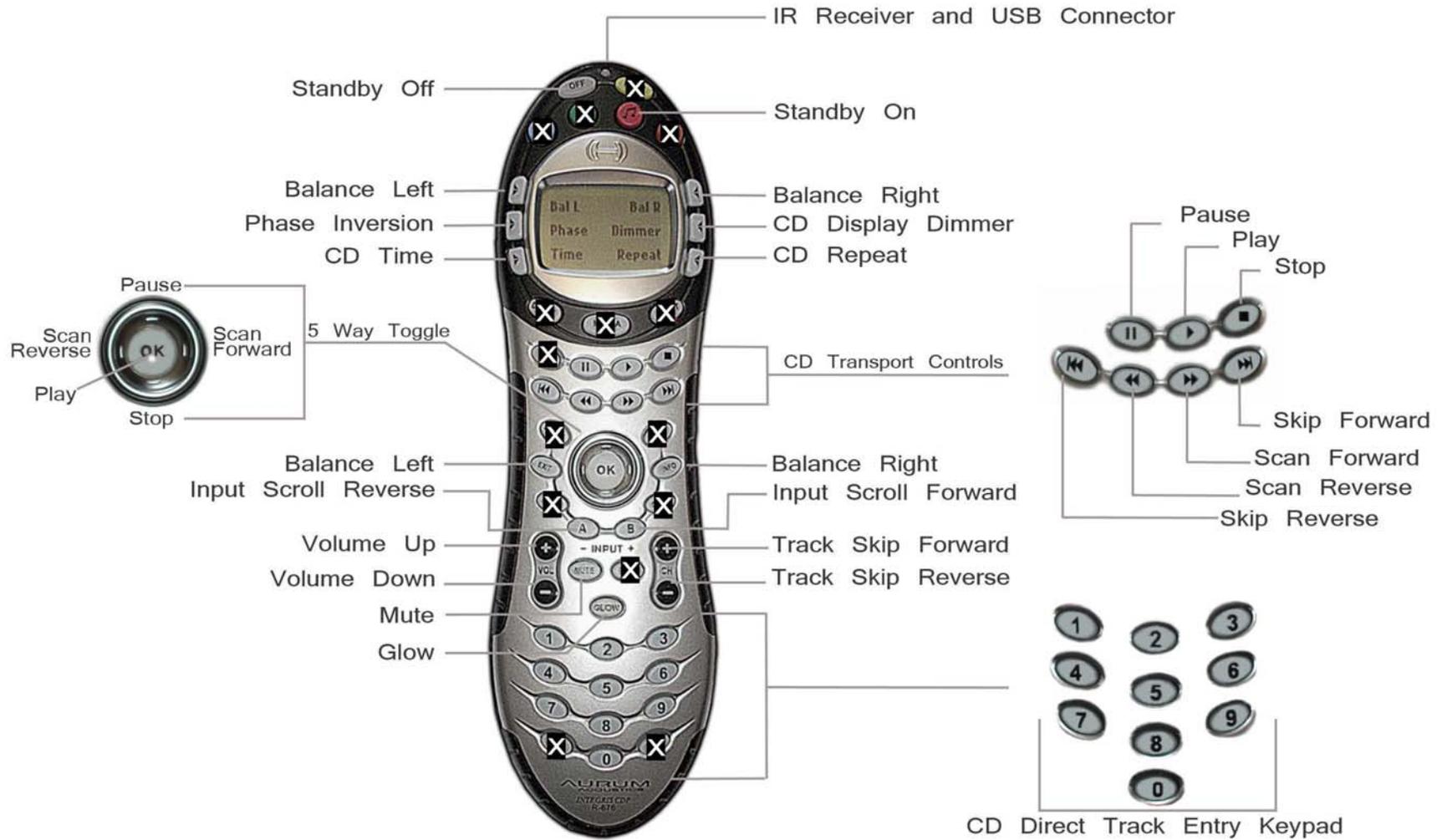
**Direct CD Track Entry:** The numeric keypad provides direct track entry from 1-99 without requiring the use of extra keys. The system logic provides instant response to most entries. Where two-digit track entry is required, the system logic will allow one second for the user to enter the second digit.

Direct track entry may be used from Stop mode or during playback – Play mode will be automatic. In Pause mode, direct track entry will result in the transport cueing up to the requested track but staying in Pause mode.

## Track Entry Examples

- On a disc with 30 tracks, to play track 23, the user will press **2** and will have another second to press **3**, after which the transport will immediately respond by going to track 23.
- To hear track 2 on that same disc, the user will press **2**. The system logic will wait one second for another digit entry. As a second digit is not received, the transport will automatically proceed to track 2. Note: it is unnecessary to enter **0** as a first digit – it will be ignored.
- If the user selects track **4** from that same disc, the system will respond without delay because it knows there are no 2-digit track entries that can begin with a 4 on that disc.

## Aurum Acoustics R676 Remote – Keys and Features



## MENU — Optional User Settings

The Integris CDP has several programmable features that can provide extra utility and value to many users. The product is fully useable without ever entering into the **MENU** setup; however, these user-customizable features can increase user-satisfaction.

MENU of optional setup areas
Input Name Setting
Analog Level Trim
Volume Control Bypass
Preferences Save and Reset

The User Setting Menus are explained in the following pages through the use of step-by-step examples accompanied by graphics of the VFD.

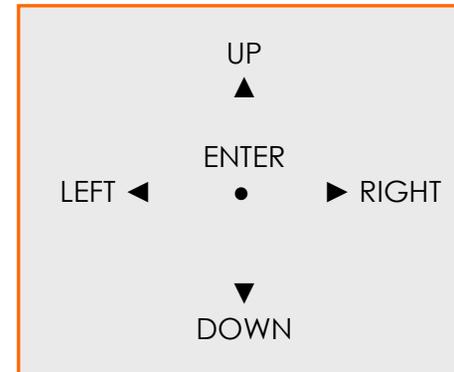
The MENU system times out after 30 seconds of inactivity and returns to normal operations. Any partially changed settings may be lost if this delay period is exceeded.

## How to Navigate the User-Interface

The **MENU** button is located on the front-panel within the preamp's volume and balance control cluster. This 5-button array is used for all navigation and control within the MENU as follows:

VOL +	▲ UP
VOL —	▼ DOWN
MENU	● ENTER
BAL L	◀ LEFT
BAL R	▶ RIGHT

### 5-Button Menu User-Interface



The Menu system is not accessible via the remote control.

## Setting Input Names

The default names of the Inputs match the rear panel markings. Users may prefer to personalize the names to more closely match their input device by creating a new name up to 12 characters in length. In the following example the UNBALANCED 2 input name is changed to FM TUNER.

1. Press the **•MENU** button to access the Menu structure. Beyond this point the same button will be referred to as **•ENTER**.



2. To access NAMES menu, Press the **•ENTER** button.



3. The first Input on the list is CD. Press the **▶RIGHT** button twice to scroll to UNBALANCED 2.



4. At the correct Input selection, press **•ENTER** to proceed to edit the Input name.



5. Each character may be changed by scrolling through the available character list using the **▲UP** and **▼DOWN** Buttons. When the desired character is reached, move the cursor using the **◀LEFT** or **▶RIGHT** Buttons to change another.

### Available characters:

**[ ] ABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789/**

(The first item on the list is a blank space)

For this example, place two blank spaces at the beginning – this will align the new name to the center of the available 12 character display area. Carry on with the selection of **F-M-blank-T-U-N-E-R-blank-blank**.



6. Press **•ENTER** to save temporarily. The display will return to that of Step 3. The user may go on to edit other Input names or exit the menu system by pressing **▲UP** to retreat through the menu structure.

This is a soft-save. The settings will no longer exist if mains power is switched off or lost. To preserve the settings to hard memory, use the saving procedure in the PREFERENCES settings.

## Setting Analog Input Levels

Each analog input can be adjusted by +/- 12dB in 0.5dB increments. This enables closer matching of levels among Input devices so there is less volume control disparity among Inputs.

In this example, we are giving the FM TUNER (on UNBALANCED 2) a boost of +6dB to compensate for a source with low output.

1. Press **•MENU** to enter the menu structure.



2. Scroll **▶RIGHT** to ANALOG LEVELS.



3. Press **•ENTER** to access the ANALOG LEVELS menu.



4. Scroll **▶RIGHT** to the appropriate input. Notice that the name change is retained from the previous example.



5. Press **•ENTER** to proceed to adjust the level of this Input.



6. Use **◀LEFT** or **▶RIGHT** to adjust the levels. In the example, move **▶RIGHT** until +6.0dB is achieved.



7. Press **•ENTER** to save temporarily. The display screen will return to that of Step 4 above. The user may then go on to adjust other Analog Input levels or exit the menu system by pressing **▲UP** to retreat through the menu structure.

## Volume Control Bypass

The Volume Bypass option is available on all Analog Inputs. It is intended for use where an Input device's volume control is preferred or recommended.

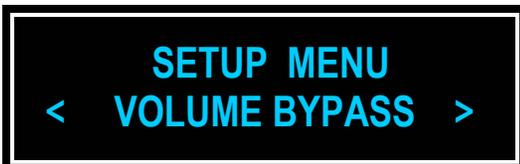
The most common application for the Volume Bypass is within A/V systems utilizing a Home Theatre Processor (HTP). A user seeking to maximize the fidelity of CD playback should connect the Integris CDP directly to the power amplifier for the L/R loudspeaker pair. The L/R analog signals from the HTP would be connected to an Analog Input of the Integris CDP set to Volume Bypass. The Analog Input Level trim setting is still available as a simultaneous option if needed.

In this example, UNBALANCED 3 will be set to VOLUME BYPASS for fixed level operation.

1. Press **•MENU** to enter the menu structure.



2. Scroll **▶RIGHT** to navigate to VOLUME BYPASS.



3. Press **•ENTER** to access the VOLUME BYPASS menu.



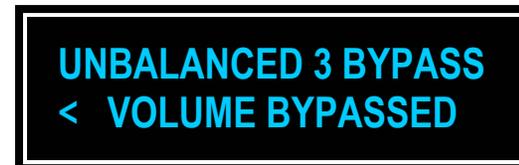
4. Scroll **▶RIGHT** to the appropriate input.



5. Press **•ENTER** to access the bypass toggle.



6. Press **▶RIGHT** to change the setting.



7. Press **•ENTER** to save temporarily and leave the volume bypass toggle. The display screen will return to that of Step 4 above. The user may then go on to adjust other Input Volume Bypasses or exit the menu system by pressing **▲UP** to retreat through the menu structure.

## Saving and Resetting Preferences

User settings are soft-saved unless the Preference Save routine to hard-save data is used. Soft-save settings are stored in a volatile memory that will be lost if mains power is turned off or fails.

The Standby feature will not result in loss of soft-save settings. This includes Volume, Balance, and Input settings in addition to the user-settings accessed within the Menu system.

### Saving user settings permanently:

Use the PREFERENCES SAVE routine to permanently store a new configuration that is to the user's liking.

Saving can be done incrementally. This is recommended to avoid an accidental loss of all user data.

In addition to the MENU-accessed settings, the current Input selection and the volume and balance control settings during the PREFERENCES SAVE will be memorized as the new defaults to be used at mains power turn on! The user can set these to meet their preferences.

1. Press **•MENU** to enter the menu structure.



2. Scroll **▶RIGHT** to navigate to PREFERENCES.



3. Press **•ENTER** to access the PREFERENCES menu.



4. Press **•ENTER** to SAVE all current user settings. The SAVED message screen below will appear for one second and the Menu system will automatically be exited.



### Preferences Reset:

PREFERENCES RESET returns settings to those previously saved by the PREFERENCES SAVE operation above. Any soft-save settings will be discarded and the last hard-save settings will be restored.

RESET can be chosen by first following Steps 1-3 above to enter the PREFERENCES menu.

4. Scroll ► **RIGHT** to RESET.



5. Press ● **ENTER** to access the RESET function.



6. Press ● **ENTER** to CONFIRM the RESET to previously saved user settings. The Menu will automatically be exited.

### Restore Factory Settings:

This option restores all settings to the factory defaults. It wipes out all previous soft-save and hard-save settings.

This option may be helpful if the product is set up in a new or different system with many changes in set-up.

Factory Settings can be chosen by first following Steps 1-3 above to enter the PREFERENCES menu.

4. Scroll ► **RIGHT** to FACTORY SETTINGS.



5. Press ● **ENTER** to proceed.



6. Press ● **ENTER** again to confirm when prompted to restore the default FACTORY SETTINGS.

7. At this point, the factory settings are installed as a soft-save. To hard-save, repeat the PREFERENCES SAVE routine to permanently retain the default settings.

## Specifications

### Dimensions and Weight

Front panel width	483mm	19.0"
Main body width	458mm	18.0"
Depth	355mm	14.0"
Overall Height	112mm	4.4"
Net weight	13.2kg	29 lbs
Shipping Weight	14.5kg	32 lbs

### AC Power Requirement

Frequency/phase	50/60Hz single phase
Voltage	100V / 120V / 230V
Consumption	20 watts

### Input/Output Impedance

#### Inputs:

Analog unbalanced	25.0k $\Omega$
Analog balanced	48.0k $\Omega$ each phase
Digital SPDIF / BNC	75 $\Omega$
Digital AES/EBU	110 $\Omega$

#### Outputs:

Analog unbalanced	75 $\Omega$
Analog balanced	75 $\Omega$ each phase
Digital SPDIF	75 $\Omega$

### Maximum Analog Signal Levels

Outputs driven from internal CD – for discs encoded to 0dBfs and volume control set to +20dBu:

Unbalanced	7.75 Vrms
Balanced	15.5 Vrms

*Outputs will never clip*

Outputs driven from external source into analog Inputs:

Unbalanced	8.5 Vrms
Balanced	17.0 Vrms

*Maximum before clipping*

Nominal Analog Input Gain 12dB

*Additional  $\pm 12$ dB trim available in user-settings*

Inputs before overload – maximum analog signal level accepted from an external source:

Unbalanced	5.0 Vrms
Balanced	10.0 Vrms

## Warranty

This warranty is valid only in Canada and the United States. Distributors and retailers outside Canada and the United States are responsible for administering their own warranty policy.

Aurum Acoustics warrants the Integris CDP to be free of manufacturing defects in material and workmanship for a period of five years except for the transport mechanism and remote control. The warranty period for the transport mechanism and remote control is two years.

Warranty coverage is effective from the date-of-purchase from an authorized Aurum Acoustics retailer. The original dated invoice is required as proof of purchase and ownership to obtain warranty service.

Warranty service is available only to the original owner. It is non-transferable.

Prior to shipping any product for return, the owner must contact Aurum Acoustics or its authorized reseller to determine the best course of action. Aurum Acoustics shall resolve any warranty or repair claim as efficiently as possible. Only authorized returns, in their original packaging, sent freight prepaid, will be accepted.

Aurum Acoustics reserves the right to inspect, or have its authorized reseller inspect, any product that is the subject of a warranty claim prior to repairing or replacing it. Final determination of warranty coverage lies solely with Aurum Acoustics.

The product must not have been altered or improperly serviced. The serial number must not be altered or removed. Do not submit the product to any unauthorized service personnel. Any of the above may result in partial or complete warranty refusal.

Out-of-warranty or non-warranty repairs will be billed for materials, labour, return freight and insurance as required. For warranty-approved claims, Aurum Acoustics will bear these costs.

Aurum Acoustics does not assume any obligation to retrofit any subsequent design changes into its previously manufactured products.

Aurum Acoustics does not assume any obligation for any incidental or consequential damages as a result of any defect or warranty claim, whether express or implied.