INSPIRE

880/980 Integrated Amplifier
Instruction Manual

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Contents

Introduction

Congratulations on your decision to become the proud owner of this
Plinius Inspire Integrated Amplifier.

This manual has been prepared to help you understand the operation of your amplifier,
and to provide information about its design and the variety of ways it may be used.

We have designed and manufactured this amplifier to reproduce your favourite music
faithfully and accurately. With a little care and a full understanding of the operating
recommendations in this manual, your Plinius Inspire Integrated Amplifier will provide
years of high-quality, trouble-free performance.

Please take the time to read this manual thoroughly before using your amplifier.

SERIAL NUMBER _____

FINAL TEST CERTIFIED BY _____

Unpacking

Open the box from the top and remove the accessories and the top foam. You may now proceed to lift the unit from the box. Retain the packaging for future transportation of this unit.

Placement & Ventilation

This Plinius product may operate at a moderately high temperature, especially during extended listening sessions. With this in mind, we recommend the following guidelines for placement and ventilation:

- The ideal location is upon a rigid stand, away from direct contact with any temperature sensitive materials, furniture or deep pile carpets.
- Ventilation through and around the amplifier should be kept unimpeded.
- Ensure heat vents (slots in the base and lid) are not covered or restricted in any way.
- Equipment racks should be of an open type with no closed side panels and no closed front or rear panels. Ensure a minimum of 100mm clearance on all sides of your Plinius unit to other equipment and the shelf above.
- If the unit is in an enclosed cabinet, the clearance should be greater than 400mm on all sides. Ensure the space between the chassis and shelf below the unit is unobstructed at all times.
- When stacking separate audio components, ensure a minimum of 400mm clearance above the top unit is maintained for suitable airflow.
- NOTE: This unit has been designed for use in moderate climates only, not for tropical conditions.

The design of this Plinius product incorporates a very high level of mechanical decoupling of the input and output. It can however still be influenced by acoustical feedback in the operating environment. The use of acoustic cones or a suitably spiked amplifier stand or table may further enhance the performance of this amplifier. Consult your Plinius dealer for further advice if required.

Care & Maintenance

With simple care and maintenance your Plinius product can be kept looking and operating like new for many years to come.

MAINTAINING THE CONNECTORS

Exposed connectors such as the RCA connectors will be subject to environmental factors, and over time the surface may degrade. This can be greatly reduced by fitting readily available 'RCA caps' to reduce the effects of environmental elements on the RCA connectors. These RCA caps or RCA shorting caps can also provide sonic benefits. Connector cleaning products are also available to clean the RCA and cable connectors and frequent checks and cleaning will help maintain a good signal connection.

NOTE: DO NOT use RCA shorting caps on output connectors or power amplifier input connectors. Use RCA shorting caps on unused preamplifier stage input connectors only. Standard RCA shielding caps can be used on any unused input or output connectors.

MAINTAINING THE SWITCHES

Switches should be maintained by using each various switch setting periodically. Even if a switch or a switch setting is not used, it is a good idea to toggle small switches and turn rotary switches though the full range of the switch several times in succession to keep the contacts active. Performing this simple action will promote longevity of the switch contacts.

SURFACE CLEANING

From time to time you may wish to clean the surface of your Plinius equipment to remove dust, or any material build up from the atmosphere or on commonly used controls. Your Plinius product is made up of parts that have a hard anodised or a powder coat finish and will clean easily without being damaged.

Cleaning should be carried out using a soft cleaning cloth, dry or with either a small amount of water or a very mild surface cleaner, while observing the following guidelines:
• As a safety precaution, always switch the equipment off prior to cleaning
• Always use a cloth that is soft and clean
• Never use abrasives or polishing compounds anywhere on the unit
• Never apply liquid directly to the surface of the unit
• Use the cloth dry or with mild surface cleaners of either liquid or foaming type
• Apply only small amounts of cleaner to the cloth
• DO NOT rub the surface but wipe clean only. Excessive rubbing may dull powder coat or wear the screen printed text.
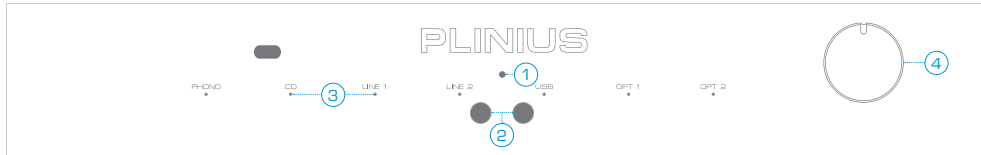
Precautions

PLEASE TAKE SPECIAL NOTE OF THE FOLLOWING PRECAUTIONS BEFORE OPERATING YOUR NEW AMPLIFIER.

- The Plinius Inspire Integrated Amplifier can deliver in excess of 80 watts into 8 ohms. This amplifier is also capable of a very large peak current delivery.

- The Plinius Inspire Integrated Amplifier operates in Class AB. It is capable of generating heat that could have an adverse effect on other electronic equipment, furniture, etc.

- DO NOT leave flammable material on the amplifier whilst running, as this could pose a serious fire risk.

- This amplifier operates at hazardous voltage levels. There are some alterations that may be made by you, the owner. However, we recommend that any work requiring removal of the lid be referred to a suitably qualified and experienced service technician.

- DO NOT attempt to connect any input of this amplifier to its own outputs.

- DO NOT earth any output terminal or connect any of these terminals together without following the instructions in this manual or seeking qualified assistance.

- DO NOT place this amplifier in any position where liquids, or any foreign material may accidentally enter it.

- DO NOT connect any voltage source, short circuit, earth/ground or appliance (other than suitable high fidelity loudspeakers) to the amplifier output terminals.

- DO NOT expose the unit to dripping or splashing.

- DO NOT place objects filled with liquids on the unit, e.g. vases.

- DO NOT place sources of naked flame on the unit, e.g. candles.

Front Panel Functions

The front of the Plinius Inspire Integrated Amplifier incorporates all the facilities you will require on a daily basis.

1. DISPLAY LED
The blue LED on the front panel indicates the mode of operation. When first switched on the unit will go into standby and the display LED will vary in brightness. When the unit is taken out of standby and is ready for use, the LED will remain lit. Whenever mute or a remote volume button is pressed, the LED will dim.

2. SOURCE SELECTION BUTTONS
The next source and previous source buttons on the front panel allow selection of any of the different inputs available on the rear panel. This selection is fed to the speaker outputs of the amplifier.

3. SOURCE DISPLAY LEDS
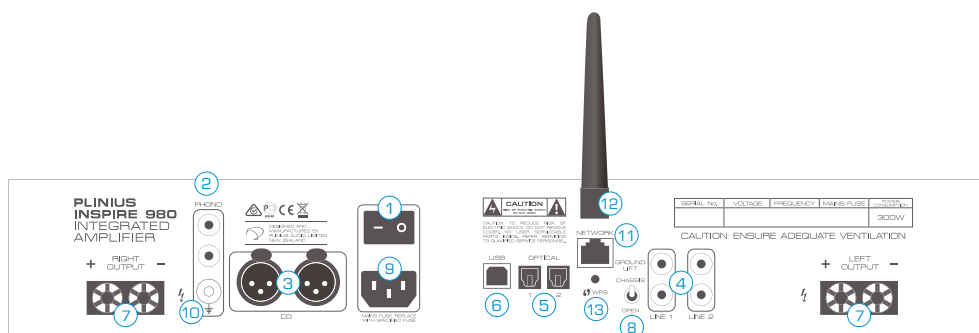These small white LEDs communicate the current source selection.

4. VOLUME CONTROL KNOB
The volume control is a motorised unit that will accurately convey the selected source signal to the line stage of the Plinius Inspire Integrated Amplifier. When using the remote control to alter the volume level, briefly press the button to make small adjustments, or hold the button down to continuously adjust the volume.

Rear Panel Functions

This panel incorporates all terminals for connecting the input signals from your CD player, tuner, etc and the outputs to the loudspeakers and mains supply. Please remember that your Plinius Inspire Integrated Amplifier is a high quality electronic instrument capable of an exceptional level of performance. Be sure that you understand your system's requirements fully before you make any connection to this amplifier.

1. MAINS SWITCH

The heavy-duty rocker switch in the centre of the panel turns the Mains/Line Power to the amplifier ON or OFF. The amplifier draws a moderately high current when switched on, so it is not good practice to rapidly turn the Mains switch on and off repeatedly.
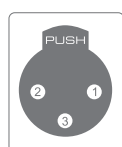
2. PHONO INPUT TERMINALS

The phono inputs for your Plinius Inspire Integrated Amplifier are suitable only for low level input from phono turntables fitted with a Moving Magnet (MM) type cartridge. The loading is fixed at 47K ohms. Consult your Plinius dealer for further advice if required.

3. CD XLR INPUT TERMINALS

A set of 'line level' XLR balanced inputs for use with source components that feature XLR balanced outputs. Balanced signals are carried via a three way cable.

The XLR pin configuration used in all Plinius product is:

PIN 1 to GND
PIN 2 to +Signal
PIN 3 to -Signal

NOTE: Because of the way our XLR and balanced inputs are configured it is not possible to use both XLR and RCA at the same time.

4. ANALOGUE LINE INPUT

Two line input terminals for your Plinius Inspire Integrated Amplifier are easily accessible along the rear panel, with the right channel (red) inputs along the top. These are 'line level' inputs, for use with unbalanced signals from line level source components such as CD players, tuners, etc. Consult your Plinius dealer for further advice if required.

5. OPTICAL INPUTS

Two optical inputs are available for connection via an optical or 'TOSLINK' cable from sources with an optical output.

6. USB INPUT

A USB Type B input is available for connection from a computer audio source with USB output. NOTE: Plinius USB drivers must be downloaded and installed on a Windows based computer before the USB input can be used. These drivers are available from www.pliniusaudio.com. Apple computers with MacOS do not require USB drivers.

7. OUTPUT TERMINALS

Connections for the loudspeakers are provided on either side of the rear panel. Two parallel pairs of five way binding posts for each channel are fitted – these provide ease of use with bi-wiring and multiple cables requiring a large contact area.

8. GROUND LIFT SWITCH

This switch allows the signal ground to be disconnected from the chassis. In some installations a hum loop may exist due to duplicate ground paths from different equipment. Use this switch to remove the connection from 0V to ground thus allowing some flexibility in your particular set-up.

9. MAINS POWER CORD IEC SOCKET

This connector is where the mains supply cable from your wall connects to the amplifier. You will notice that a fuse holder is mounted within this connection, and it holds a mains fuse to provide surge and overload protection for your amplifier.

10. PHONO EARTH POST

This is a chassis connected gold-plated earth post for use with most vinyl turntables.

11. NETWORK INPUT (INSPIRE 980 ONLY)

The Inspire 980 includes a network input socket for wired connection to a home network or network audio system.

12. WI-FI INPUT (INSPIRE 980 ONLY)

The Inspire 980 includes a Wi-Fi antenna for wireless connection to a home network or network audio system.

NOTE: Wireless/Wired mode is detected at power on. If a network cable is connected when the amplifier is switched on, wireless mode cannot be used. To use wireless mode the amplifier must be switched off, the cable must be removed and then the amplifier switched on.

13. WPS BUTTON (INSPIRE 980 ONLY)

The WPS button is used to establish a link between the Wi-Fi antenna of the 980 and your home network or network audio system.

IMPORTANT: Some routers or network devices may reset the password. Consult the manual of your router or network device to see how this connection is made and to prevent the password from changing.

Remote Control Functions

The Plinius Inspire Integrated Amplifier features a full function remote to control all settings and configurations of the amplifier as well as complete controls for operating your Plinius CD player.

INTEGRATED AMPLIFIER REMOTE FUNCTIONS:

1. STANDBY
Standby is used to put the unit into a low power mode. This disconnects the outputs of the integrated amplifier and turns off the white display LED's. It also switches the integrated amplifier to a low bias mode to reduce power consumption and still keep the circuitry active. This allows a minimum warm up period before the Plinius Inspire Integrated Amplifier is at it's sonic best.

2. DISPLAY
The display button on the remote enables you to adjust the display brightness of the white LED's. Pressing the display button repeatedly will dim the LED in steps until they are off. The next press of the button will cycle the display back to full brightness.

3. HT BYPASS
The HT Bypass button activates the Plinius Integrated Amplifier home theatre bypass mode. Once activated, the preamplifier is bypassed and the signal is transmitted from the HT Bypass input directly to the power amplifier. NOTE: In HT Bypass mode the only buttons that continue to function are Standby and Display. More information on HT Bypass can be found in the Installation & Operation section in this manual. (Not applicable to Inspire Amplifiers)
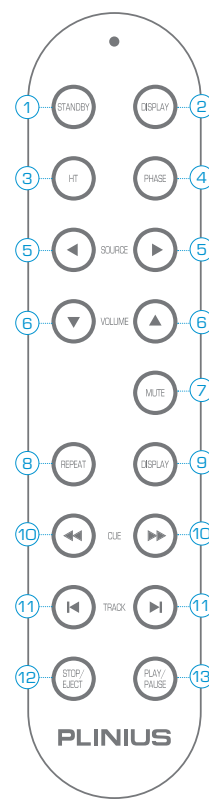
4. PHASE
The phase of the output signal from the preamplifier is toggled from absolute to inverted 180 degrees with each press of this button. (Not applicable to Inspire Amplifiers)

5. SOURCE SELECTION
The source selection buttons enable changing from one input to another when needed and can be scrolled left or right to select the desired source. On reaching the left most or right most input, the selection will scroll in a continuous loop with the next button press.

6. VOLUME CONTROL
Use these two buttons to control the volume level of the integrated amplifier. The right side button increases volume, while the left side button decreases the volume.

Briefly press either button to make fine adjustments to the volume level. Hold down either button to continually adjust the volume level.

7. MUTE
Pressing this button toggles the Inspire Integrated Amplifier in and out of mute.

CD PLAYER REMOTE FUNCTIONS:

8. REPEAT
The repeat LED on the front panel will illuminate once this button is pressed. The CD Player will play all tracks on the CD as normal, but then repeat all tracks from track 1 in an endless loop. It does not repeat one track only, but will repeat the entire contents on the CD.

9. DISPLAY
This function enables you to quickly adjust the display brightness. Use this button to toggle between high, low, and off settings. Note that whenever the compact disc drawer is ejected to change a CD, the display will automatically revert to full brightness.

10. CUE BUTTONS
Use these two buttons to cue through the track you are listening to. Press and hold the right side button to cue forward through the track, or press and hold the left side button to cue backwards through the track. Once the start or end of the track is reached, Cue will continue into the next track.

11. TRACK BUTTONS
The track buttons enable you to move forward (right button) or back (left button) through the tracks on the CD. Press the button once to skip to the next track on the CD, or hold down to skip through multiple tracks. When you press the back button once the CD Player will revert to the start of the current track. Pressing the back button again will skip back to the previous track. The track currently selected will be brightly lit.

12. STOP/EJECT
If the CD player is playing a CD, pressing the Stop/Eject button will stop play and return to track 1. Pressing the button again will open the compact disc drawer so the CD can be changed.

13. PLAY/PAUSE
Press the Play/Pause button to begin playing the CD at the track selected. The display LED corresponding to the track that is being played will vary in brightness. Press the Play button again, and the track will pause, designated by the LED flashing. If the compact disc drawer is open, pressing play will shut the drawer and start playing the CD from track 1.

Installation & Operation

⚠ WARNING: RISK OF ELECTRIC SHOCK. TERMINALS MARKED WITH ⚡ SHOULD BE CONSIDERED HAZARDOUS LIVE AT ALL TIMES.

This amplifier operates at hazardous voltage levels. We recommend that any work requiring removal of the lid be referred to a suitably qualified and experienced service technician. DO NOT place this amplifier in any position where liquids or any foreign material may accidentally enter it.

⚠ PLEASE READ & UNDERSTAND THE PRECAUTIONS WITHIN THIS MANUAL FOR PLACEMENT & OPERATION OF THIS PRODUCT.

CONNECTIONS

Connections to your Inspire Integrated Amplifier should be made in the same order as they are listed in this section. DO NOT attempt to connect your Inspire Integrated Amplifier until you have read and fully understood these instructions. Should you require further assistance, please contact your Plinius dealer.

⚠ DO NOT POWER UP YOUR AMPLIFIER UNTIL YOU HAVE CONNECTED YOUR INPUT/OUTPUTS CORRECTLY FOR YOUR SYSTEM.

SOURCE COMPONENT INPUTS

Connect your Source to the input of the Inspire Integrated Amplifier using suitable single-ended RCA or Balanced XLR interconnect cables only. For RCA, make sure you connect the red coded cable to the red RIGHT RCA input, and the white cable to the white LEFT RCA input. Also make sure the RCA connectors are a snug fit and are inserted all the way in.

For CD XLR input connection, make sure you connect the RIGHT XLR input and LEFT XLR inputs to the right and left outputs from your source respectively. Also make sure the XLR connectors click into place. Use the input selection switch to select RCA if you are using RCA inputs or to select XLR if you are using XLR inputs.

NOTE: The phono input should be connected to a suitable source turntable only.

CD PLAYER

INSPIRE CD INPUTS

LOUDSPEAKER OUTPUTS

The connection of your loudspeakers to the output posts of the Inspire Integrated Amplifier must be made by an 'instructed person' with suitable ready made loudspeaker cables only. Connect your left loudspeaker (ie. the one on your left when seated in your normal listening position) to the left output terminals. Ensure the terminals on the amplifier are connected to the loudspeaker terminals Red positive (+) to Red positive (+) and Black negative (–) to Black negative (–). Repeat this process for the right outputs.

RIGHT SPEAKER   + RIGHT –   OUTPUTS   – LEFT +   LEFT SPEAKER

TERMINATION QUALITY

Quality of the connections must be examined to ensure that high-performance, trouble-free operation is enjoyed. Check that the connections are tight but do not over tighten. If bare wires are used make sure that no loose strands of wire short across the other terminals or the amplifier chassis. When using plugs such as bananas, be sure to use good quality plugs with a firm fit.

PHASING (OR POLARITY)

It is important to achieve good stereo imaging in your listening room. By observing the wiring instructions above, each power amplifier/loudspeaker combination should be in phase. If you experience poor stereo image and/or a lack of bass, check that the loudspeaker wiring has been connected correctly. If in doubt, consult your Plinius dealer for advice.

Naturally it is also important to make sure all the leads carrying signals for the RIGHT channel loudspeaker are connected to the RIGHT input to the amplifier from your preamplifier or CD player etc. Signals for the LEFT channel should be wired in a similar fashion.

USING USB INPUT

The Inspire Integrated Amplifier features a USB Type B input for digital audio from a computer source. Before use, Plinius USB drivers must be downloaded and installed on any Windows based computer intended for playing the digital audio. These drivers are available from www.pliniusaudio.com. Apple computers with MacOS do not require USB drivers.

Connect the Source computer, Laptop or other device to the Inpsire amplifier using USB Type A to USB Type B cable. Select the USB input on the Inspire amplifier. Open the audio settings of the computer and select 'XMOS USB Audio 2.0' as the audio output.

NOTE: Setting this as the 'default audio output' will ensure it is selected automatically whenever the Inspire Integrated is connected and out of standby.

After the steps above are performed, launch the media player (iTunes, Windows Media Player, VLC etc). Playback will now be output over USB to the Inspire amplifier. Consult your Plinius dealer for further advice if required.

NOTE: The USB input can be used as an external soundcard for a computer USB output. It cannot be used to play files directly from a mass storage drive.

USING NETWORK INPUT (INSPIRE 980 ONLY)

The Inspire 980 features a Network input socket for digital audio. The benefits of using Network connection include wireless control, longer cable capabilities and higher data transfer rates.

Connect the Inspire 980 to your home network router with a suitable network cable. Install media server software on your computer or Network Attached Storage (NAS) drive to manage the controller interface. Plinius recommend AssetUPnP or Twonky as server software.

NOTE: Ensure the server software is set with the location of your music library files.

Use an appropriate controller such as Plinius Arataki for iPad to connected wirelessly to your home network and select the source library as the server and Inspire 980 as the player. Use the controller to select files, create playlists and control playback of the music. See www.pliniusaudio.com or consult your Plinius dealer for further advice if required.

USING WI-FI INPUT (INSPIRE 980 ONLY)

The Inspire 980 features a wireless antenna for connection to the network. This wireless connection can be used in place of a cable between the router and the Inspire 980.

NOTE: Wireless/Wired mode is detected at power on. If a network cable is connected when the amplifier is switched on, wireless mode cannot be used. To use wireless mode the amplifier must be switched off, the cable must be removed and then the amplifier switched on.

Use an appropriate controller such as Plinius Arataki for iPad to connected wirelessly to your home network and select the source library as the server and Inspire 980 as the player. Use the controller to select files, create playlists and control playback of the music. See www.pliniusaudio.com or consult your Plinius dealer for further advice if required.

USING WPS TO SET UP WI-FI INPUT (INSPIRE 980 ONLY)

Press the WPS button on the router as per the manufacturer's instructions. The router should indicate when it is ready to connect. Next, press the WPS button on the Inspire 980. After a short time, the router should confirm the two devices are now connected. Music can now be streamed between the two devices, replacing the need for a physical cable.

IMPORTANT: Some routers will reset the password (passphrase or pre-shared key) when using the WPS function. Check the documentation that came with the router to ensure that other devices on your network can still connect after using the WPS button.

CONNECTING THE MAINS SUPPLY

Firstly, check that the mains supply voltage printed on the rear of this amplifier is similar to the mains supply voltage in your area. If in doubt, please consult your Plinius dealer. Mains supply power connection is via the plug-in lead supplied with your Inspire Integrated Amplifier. Where possible, check the wall outlet is switched OFF, then connect the local mains plug end of the lead to the wall outlet. Check the integrated amplifier is switched OFF, and connect the IEC end of the cable to the IEC socket at the back of the integrated amplifier. With the cord fully connected, switch the wall outlet ON.

Now that your Inspire Integrated Amplifier is configured correctly, switch the power switch on the rear panel to ON. The display LED will cycle in brightness for approximately ten seconds as the internal circuitry stabilises. You can now enjoy your new Plinius Inspire Integrated Amplifier.

NOTE: This unit must be connected to a mains socket outlet with a protective earthing connection. The wall outlet socket or mains switch must be accessible at all times in case of emergency.

WARM-UP PERIOD

You will find that the Inspire Integrated Amplifier will become noticeably 'purer' in sound after being on for a period of time. We usually recommend waiting at least 24 hours before expecting the best quality of sound reproduction from your amplifier.

Product Features

REMOTE CONTROL

Provided with your Inspire Integrated Amplifier is a 16 function remote control. Two AAA batteries power the remote, and these are replaced by removing the two screws on the base of the remote that hold the battery compartment in place. The bottom end of the remote is now free to slide out for access to the batteries. Replace the two batteries, taking care to refit the new ones with correct polarity.

MAINS/LINE FUSE

A Mains/Line fuse is fitted within the IEC socket on the rear of the amplifier. A small drawer at the bottom of this socket may be removed (after the IEC plug is removed) by levering it out with a flat blade screwdriver. The fuse fitted should be rated as specified on the rear panel.

⚠️   IMPORTANT: DO NOT FIT A FUSE WITH A HIGHER RATING.

In the unusual event that this fuse should blow, you must first establish the cause of this failure (such as power surges, damaged mains cable, etc) before replacing the fuse with one of the same rating and type. Should the amplifier continue to suffer mains fuse failure, contact your Plinius dealer.

OVER TEMPERATURE PROTECTION

The Inspire Integrated Amplifier is fitted with an auto-reset thermal sensor. The sensor is located behind the front panel and will place the unit into an error mode if the internal temperature reaches 60°C (140°F).

If Over Temperature Protection occurs you should switch the unit off immediately. Check the placement of the unit and ensure there is adequate airflow above and around the unit. Refer to the Placement & Ventilation section on page 4 for further information.

SIGNAL ERROR PROTECTION

The Inspire Integrated Amplifier contains circuitry for detecting signal errors such as signal clipping (overdrive), DC voltage and high current. Should one of these errors occur, the unit will go into an error mode and disconnect the source and the speakers. The unit will remain in error mode until the error is resolved.

The power must also be switched off to reset the error detection. When you are confident the reason for the error has been resolved, switch the unit back on. Should the amplifier continue to show repeated error mode, contact your Plinius dealer.

Loudspeaker Selection

Your Plinius Inspire Integrated Amplifier is designed for use with high fidelity loudspeakers. It should not be used to operate with any other type of appliance or equipment.

Be certain that your loudspeakers can handle most of the rated output power of this amplifier. You may find loudspeaker specifications confusing or misleading, so you should discuss this with your audio dealer prior to purchase. As a general rule, the use of high power (200 Watt RMS or greater) loudspeakers is recommended and desirable. However, our experience indicates that medium to low power loudspeakers (100 to 200 Watt RMS) are quite often suitable for use on this amplifier, provided the volume is maintained at a level where no distortion is audible.

Impedance of the loudspeaker load is important to ensure the rated performance of this amplifier. If you have doubts about the impedance of your loudspeaker configuration, we recommend you speak to your Plinius dealer.

Troubleshooting

NO SOUND FROM THE UNIT

If the unit is not reproducing audio take the following steps:

- Check the source is correctly connected to an appropriate input on the unit. Refer to the Installation & Operation section on page 12.
- Check the source is playing, and not paused or muted. If it has adjustable volume, check this is at the usual output level.
- Check the unit is set to select the correct source input. Adjust the source selector for the correct source component.
- Check the volume. Turn the unit volume up to a point just below the normal listening level. DO NOT turn the volume up to maximum in case the sound begins to come through the speakers.
- Check the unit is not in Mute. If the Display LED is dim, this indicates the unit is in Mute mode. The Display LED should be full brightness for operational mode.

SOUND IS QUIET OR DISTORTED

If the sound is quiet or distorted an internal fuse may have failed. If you suspect a fuse has failed, contact your Plinius dealer.

NOTE: If the unit immediately or repeatedly suffers rail fuse failure, there may be a major problem and you should contact your Plinius dealer.

POWER FAILURE

The unit may have suffered mains fuse failure or be in thermal overload protection mode.

- Mains Fuse Failure: Check the mains fuse and replace if needed.
- Thermal Overload Protection: Assess the temperature of the unit. If the unit seems excessively hot, the Over Temperature Protection may have activated.

Refer to the Product Features section on page 16 for further information.

NOTE: If the unit immediately or repeatedly suffers mains fuse failure or thermal overload protection, there may be a major problem and you should contact your Plinius dealer.

Specifications

INSPIRE 880/980 SPECIFICATIONS

POWER
80 watts RMS per channel into 8 ohms.
Both channels driven from 20Hz to 20kHz
at less than 0.2% total harmonic distortion

FREQUENCY RESPONSE
20Hz to 20kHz +/-0.2dB
-3dB at 2Hz and -3dB at 300kHz

DISTORTION
Typically <0.05% THD at rated power
0.2% THD and IM worst case prior to
clipping

CURRENT OUTPUT
16A short duration peak per channel
Fuse protected

INPUT IMPEDENCE
10k ohms for line inputs

GAIN
Line inputs to speaker out: 38dB

DIGITAL INPUTS
1 x USB asynchronous (up to 24 bit, 192ks/s)
2 x Optical Toslink (up to 24 bit, 96ks/s)

MM PHONO INPUT
RCA Unbalanced Input
Gain: 50dB
Load: 47k
Frequency Response: 20Hz to 20kHz
+/−0.2dB within RIAA spec

POWER/CURRENT CONSUMPTION
300W
0.14A (32W) Standby

DIMENSIONS
Height: 72mm   (3")
Width: 450mm (17.75")
Depth: 350mm (13.75")
Weight: 10kg   (22lb)

PRODUCT FEATURES
Available in black or silver

INSPIRE 980 ONLY

DLNA DIGITAL AUDIO RENDERER
DLNA 1.0/1.5 compatible

SUPPORTED AUDIO FILE SERVER
DLNA Digital Media Servers

SUPPORTED PLAYBACK CONTROL
DLNA Digital Media Controllers
DLNA Mobile Digital Media Controllers
UPnP smartphone applications
iPad/iPod applications

AUDIO CODEC SUPPORT
FLAC (up to 24 bit, 192ks/s), LPCM
(up to 24 bit, 192ks/s), ALAC, AIFF, MP3

INPUT
1 x RJ45 connector

CONNECTIVITY
10/100 Ethernet
Wi-Fi

Index