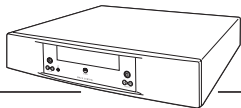




LINN

MAJIK KONTROL

PRE-AMPLIFIER



OWNER'S MANUAL

• ENGLISH • FRANÇAIS • DEUTSCH • ITALIANO

Important Safety Information

Explanation of symbols used in this manual or on the rear/underside of the apparatus:



This symbol is intended to alert the user to the presence of uninsulated dangerous voltages within the enclosure of sufficient magnitude to cause electric shock.



This symbol is intended to alert the user to the presence of important operation, maintenance and servicing information in the instruction and service manuals.

For apparatus connected to the mains electricity supply.

CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE THE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. REPLACE THE MAINS FUSE IN THE PLUG WITH ONE OF THE SAME TYPE AND RATING. DISCONNECT SUPPLY CORD BEFORE CHANGING FUSE.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE. SHOCK HAZARD - DO NOT OPEN.

MAINS PLUGS

This apparatus is supplied with a non-rewireable mains plug for the intended country. Replacement mains leads can be obtained from your Linn retailer. Should you need to change the plug please dispose of it carefully. A plug with bared conductors is dangerous if engaged in a live socket.

The Brown wire must be connected to the Live (Line) supply pin.
The Blue wire must be connected to the Neutral supply pin.
The Green/Yellow wire must be connected to the Earth (Ground) supply pin.

Please contact your retailer or a competent electrician if you are in any doubt.



Refer to the rear or underside of the product for fuse and power consumption information.

General Safety Instructions

1. **Read these instructions.**
2. **Keep these instructions.**
3. **Heed all warnings.**
4. **Follow all instructions.**
5. **Do not use the apparatus near water**, for example near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool etc.
6. **Clean only with dry cloth.**
7. **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.** Site the apparatus so that its location or position does not interfere with its proper ventilation. For example, the apparatus should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings, or placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
8. **Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.**
9. **Do not defeat the safety purpose of the polarised or grounding type plug.** A polarised plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. **Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and at the point where they exit from the apparatus.**
11. **Only use attachments/accessories specified by the manufacturer.**
12. **Use only with the stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.**
13. **Unplug this apparatus during lightning storms or when unused for long periods of time.**
14. **Refer all servicing to qualified service personnel.** Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug has been damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **Wall or ceiling mounting.** Mount the apparatus to a wall or ceiling only as recommended by the manufacturer.
16. **Power sources.** Connect the apparatus to a power supply only of the type described in the operating instructions or marked on the apparatus.
17. **Mains plug.** Use the mains plug to disconnect the apparatus from the mains supply. The mains plug must be accessible at all times. Use the mains switch (if applicable) when the apparatus is not in use.
18. **Power lines.** An outdoor antenna should be located away from power lines.

19. **Outdoor antenna grounding.** If an outdoor antenna is connected to the apparatus, ensure that the antenna system is grounded to provide some protection against voltage surges and static build up. In the USA see article 810 of the National Electrical Code ANSI/NFPA 70 concerning installation requirements.
20. **Telephone line.** Do not connect the apparatus to a telephone line except where specifically instructed to do so.
21. **Objects and liquid entry.** Do not let objects or liquids fall into the apparatus. Do not expose the apparatus to dripping or splashing. Do not place a vessel containing liquid on top of the apparatus.
22. **No naked flame sources, such as lighted candles, should be placed on the apparatus.**
23. **The apparatus has been designed for use in moderate and tropical climates.**

UK USERS PLEASE READ THIS IMPORTANT SAFETY INFORMATION

Fuse replacement

This appliance is fitted with a non-rewireable 13 amp mains plug. The plug contains a 5 amp fuse. If the fuse has blown it can be replaced as follows:

- a) Pull out the red fuse cover/carrier.
- b) Remove and dispose of the blown fuse.
- c) Fit a new 5 amp BS1362 approved fuse into the carrier and push the carrier back into the plug.

Always ensure the fuse cover is fitted. If the fuse cover is missing do not use the plug. Contact your Linn retailer to obtain a replacement fuse cover.

Fuses are for fire protection and do not protect against electric shock.

Mains plug replacement

Should your mains plug need replacing and you are competent to do this proceed as follows. If you are in doubt contact your Linn retailer or a competent electrician.

- a) Disconnect the plug from the mains supply.
- b) Cut off the plug and dispose of it safely. A plug with bared conductors is dangerous if engaged in a live socket.
- c) Only fit a 13 amp BS1363A approved plug with a 5 amp fuse.
- d) The cable wire colours or a letter will be marked at the connection points of most quality plugs.

Attach the wires securely to their respective points. The Brown wire must go to the Live pin, the Blue wire must go to the Neutral pin, and the Green/Yellow wire must go to the Earth pin.

- e) Before replacing the plug top ensure that the cable restraint is holding the outer sheath of the cable firmly and that the wires are correctly connected.

WARNING

THIS APPLIANCE MUST BE EARTHED.

CE Declaration of Conformity

Linn Products Ltd declare that this product is in conformance with the Low Voltage Directive 73/23/EEC and Electromagnetic Compatibility 89/336/EEC as amended by 92/31/EEC and 93/68/EEC.

The conformity of the designated product with the provisions of Directive number 73/23/EEC (LVD) is proved by full compliance with the following standards:

Standard number	Date of issue	Test type
EN60065	2002	General requirements Marking Hazardous radiation Heating under normal conditions Shock hazards under normal operating conditions Insulation requirements Fault conditions Mechanical strength Parts connected to the mains supply Components Terminal devices External flexible cords Electrical connections and mechanical fixings Protection against electric shock Stability and mechanical hazards Resistance to fire

The conformity of the designated product with the provisions of Directive number 89/336/EEC (EMC) is proved by full compliance with the following standards:

Standard number	Date of issue	Test type
EN55013	2001	Conducted emissions
EN55013	2001	Absorbed emissions
EN55020	2002	Immunity

FCC notice

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Waste Electrical and Electronic Equipment (WEEE) Directive

Directive 2002/96/EC of the European Parliament and of the Council

The symbol (right) is shown on this product. It indicates that the product should not be disposed of with regular household waste, but should be disposed of separately.

Electrical and electronic equipment can contain materials that are hazardous to the environment and human health and therefore should be disposed of at a designated waste facility or returned to your retailer for the appropriate recycling to take place (see www.linn.co.uk for further information).

If you wish to dispose of this product and the product still functions, please consider recycling/reusing it by donating it to a charity shop, selling it or part-exchanging it with your retailer.



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PACK 1159

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Introduction

The MAJIK KONTROL pre-amplifier

Linn was founded more than 30 years ago on the belief that music is fundamental to human well-being and that music reproduced to the highest standards can bring lasting pleasure.

The desire to reproduce sound to the highest quality remains the driving force behind the company today. Despite the growth in Linn's multi-channel and AV systems, we remain committed to developing world-class products for the two-channel audio enthusiast. That commitment is manifested in the MAJIK KONTROL pre-amplifier. This advanced product utilises the very latest technology to take you closer to the music than you thought possible. And the inclusion of a phono-stage ensures that the MAJIK KONTROL is very well equipped to satisfy the discerning audiophile.

The MAJIK KONTROL pre-amplifier is the perfect partner for Linn's MAJIK CD player and MAJIK 2100 power amplifier. Whether as part of a complete MAJIK system or as the pre-amplifier in your existing system, with the MAJIK KONTROL you will rediscover your music collection.

Installation

Important information - phono input

Please read the following carefully **before** installing the unit in your system - your unit may require reconfiguration by your Linn retailer. The MAJIK KONTROL amplifier includes a phono input, which allows connection of a phono turntable. Even if you do not have a turntable, please consider the following points:

LINE INPUT 6 / PHONO can be configured to operate as a moving-magnet (MM) phono stage, a moving-coil (MC) phono stage or an extra 'line-level' input. See note below for an explanation of these terms.

When shipped, LINE INPUT 6 / PHONO is factory-set to operate as an MM phono stage.

If you require LINE INPUT 6 / PHONO to operate in MC or line-level mode, this requires an internal hardware reconfiguration, which must be carried out by your Linn retailer. Dismantling or adjustment by persons other than Linn appointed personnel could invalidate the manufacturer's warranty.

If you wish to know the current configuration of LINE INPUT 6 / PHONO, this can be viewed in the MAJIK KONTROL'S setup menus - see the *Setup (user options)* chapter near the end of this manual.

Notes:

Unlike line-level inputs, phono stages require to amplify extremely small signal levels, and so if they are not treated with great care, they can be susceptible to noise and signal degradation. Linn have therefore designed the phono stage as a hard-wired circuit, rather than a switchable or software configurable adjustment. This has been done in order to optimise audio performance and remove components such as switches, which could potentially degrade the signal in this most precise of circuits.

Terminology: 'moving-magnet' and 'moving-coil' are the two types of phono cartridge available. If you have a turntable and are not

sure which type of cartridge you have, consult the cartridge packaging, its manufacturer's published information or the retailer from whom it was purchased.

'Line-Level' inputs are for general use - for analogue connection of line-level products such as CD players, tuners, DVD players, video recorders, TV audio signals etc.

Unpacking

The MAJIK KONTROL preamplifier is supplied with the following accessories:

- luminous handset
- 2 x AAA batteries for the handset
- 2 x black interconnect cables
- mains lead
- this manual

We recommend that you retain all packaging in case you require to transport the unit at a later date.

Positioning

You can position your MAJIK KONTROL pre-amplifier almost anywhere you find convenient (including in a 19" rack, for which a mounting kit is available - consult your retailer), but please consider the following points:

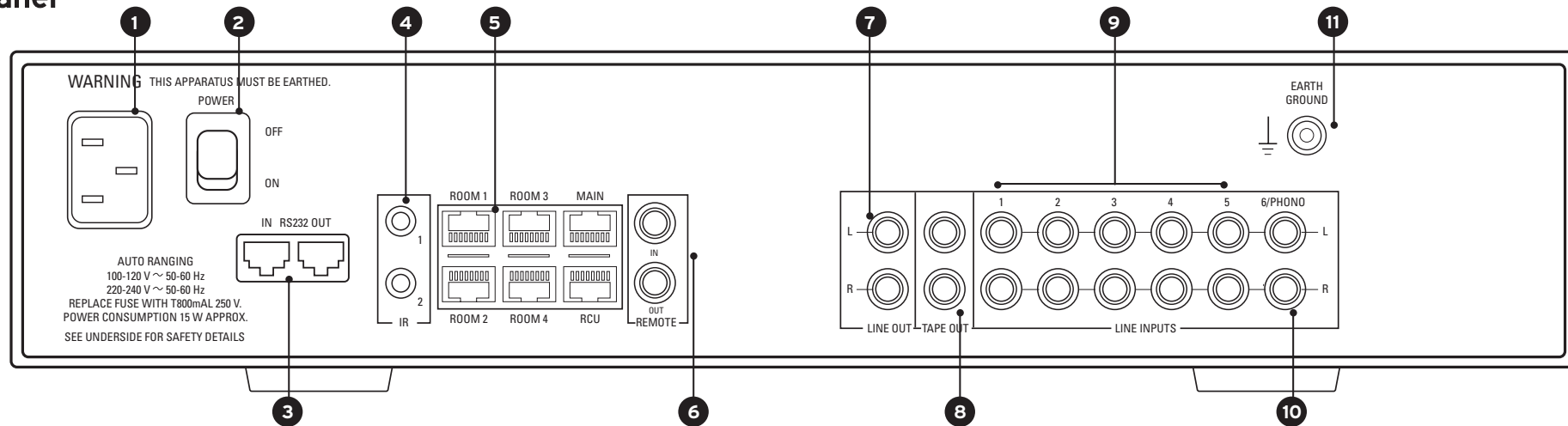
- Do not position the unit where sunlight can shine (whether directly, diffused or reflected) on its display as the infra-red (IR) radiation in sunlight will be picked up by the unit's IR remote sensor and this can adversely affect its operation. Similarly, some electrical devices such as plasma TVs, fluorescent lights and energy saving lamps can emit IR which can likewise affect the operation.
- For best performance, do not stack the unit with other products. Ideally, position the unit on a shelf by itself or, if proximity to other products is unavoidable, positioning side-by-side is preferable to stacking.
- The unit should not be situated above, or otherwise directly adjacent to sources of heat such as radiators, power amplifiers etc. Nor should it be enclosed in a cabinet with such devices.
- The unit itself produces very little heat; however it is advisable to allow a little space to the sides, rear and above the unit (ideally 10 cm / 4") for air circulation which will allow this heat to dissipate.
- Do not block the vents on the product's casing.

Connecting

Important:

Before making any connections, switch off all products in your system at the mains.

Back panel



1 Mains input

For connection of the mains supply. See *Connecting to the mains supply*, at the end of this chapter.

2 POWER switch

For switching the power to the unit on and off. Note - this is not a standby switch but cuts the mains supply to the unit.

3 RS232 OUT and IN

For RS232 inter-connection. An RS232 control product can be connected to the 'IN' socket and used to control the MAJIK KONTROL. The 'OUT' socket can be used to relay commands to other RS232 controllable products downstream.

4 IR outputs

Relays infra-red (IR) remote signals (received by the IR sensor on the display, from a KNEKT multi-room system, etc.) to an IR Repeater device which controls a third-party remote-controllable product.

5 (Rooms) 1 - 4, MAIN, RCU.

The unit can be used as a Line Driver or Line Receiver within a Linn KNEKT audio distribution system. Contact Linn or your Linn retailer for further details.

6 REMOTE IN and OUT

For connection of the Linn Line Remote leads in a Linn KNEKT system or can be used to relay remote commands to/from another Linn product. Note - connect IN (on this unit) to OUT (on the other product) and OUT to IN.

7 LINE OUT

Line-level outputs for connection to a power amplifier.

8 TAPE OUT

Fixed volume outputs for connection to a tape recorder or other analogue recording device.

9 LINE INPUTS 1 - 5

For connection of a number of line-level source products, such as a CD player, tuner, tape deck, etc.

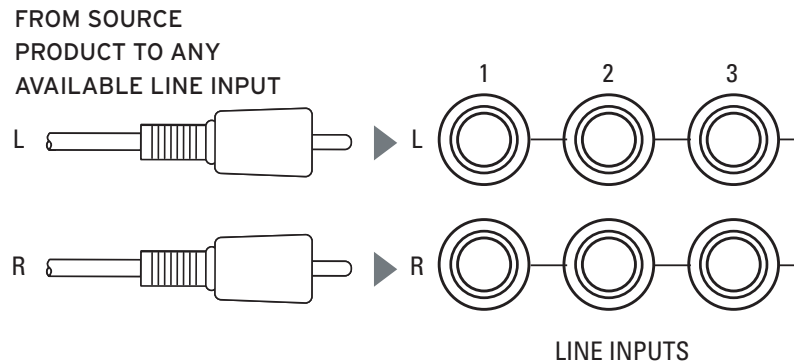
10 LINE INPUT 6 / PHONO

INPUT 6 (only) can be configured as a moving-magnet, moving-coil or line-level input (the factory setting is moving-magnet). See the *Important information - PHONO input* section at the start of this manual for full details.

11 EARTH GROUND

For connecting the earthing lead from the tonearm cable of the turntable, if required. Also for connecting the unit to an earthing terminal if no mains earth is available.

Connecting to a line-level source product

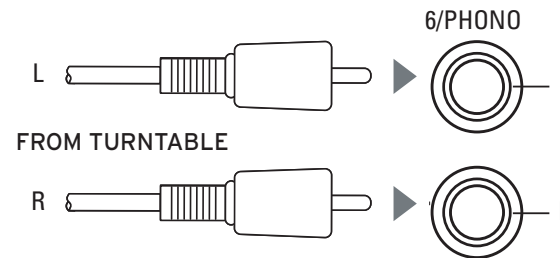


Notes

LINE INPUT 6 / PHONO requires to be reconfigured for connection of a line-level source product (this is a retailer adjustment). See the *Important information - PHONO input* chapter for further details.

Input names, as they appear on the display, can be customised for your convenience. See the *Setup (user options)* chapter, later in this manual.

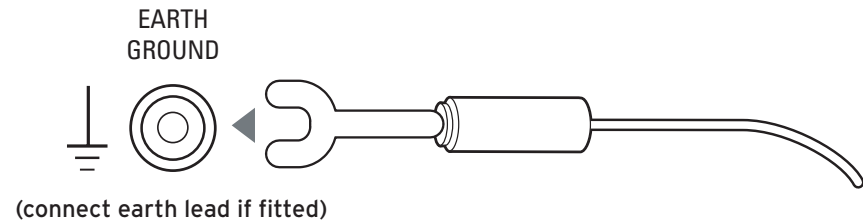
Connecting to a turntable



Important notes

LINE INPUT 6 / PHONO requires to be reconfigured for the connection of a turntable which is fitted with an MC cartridge (this is a retailer adjustment). See the *Important information - PHONO input* chapter for further details.

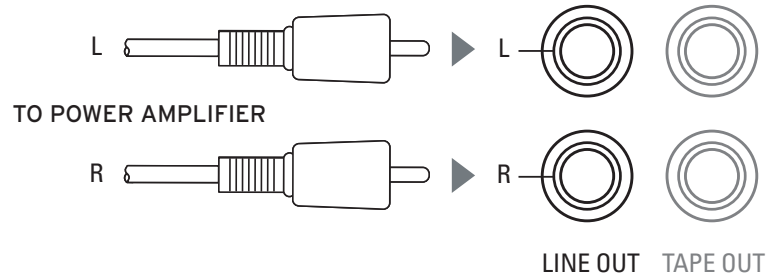
If an earthing lead is fitted to the tonearm cable, best results are usually achieved by connecting it to the EARTH GROUND terminal.



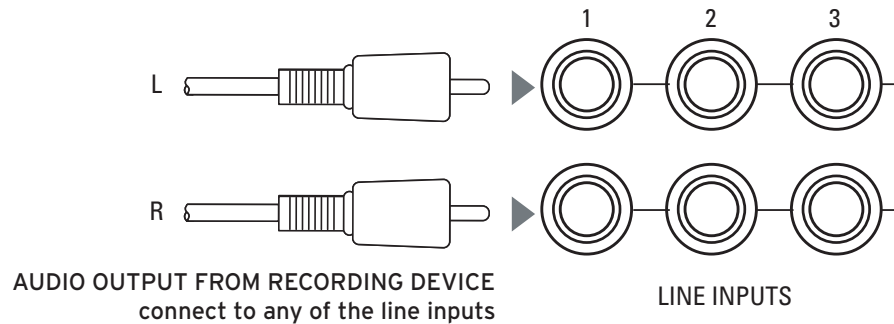
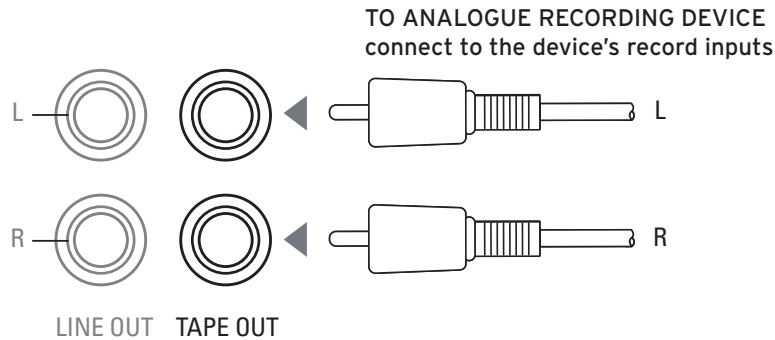
If, however, its connection introduces noise (hum etc) or a reduction in quality then disconnect it - certain tonearms / cartridges function better with no earth connection.

Input names, as they appear on the display, can be customised for your convenience. See the *Setup (user options)* chapter, later in this manual.

Connecting to a power amplifier



Connecting to an analogue recording device (e.g. tape deck)



Connecting to a mains supply

Important - do not connect to the mains supply until all other connections have been made. All products in the system must be powered down while connecting / disconnecting.

The unit must always be earthed when connected to mains power. Use the earthed, moulded mains lead supplied. Never use an unearthed mains plug, socket or adapter with this unit. The mains lead supplied may be fitted with a fused plug, depending on local regulations. If this is the case, always replace this fuse with another of the same type and rating.

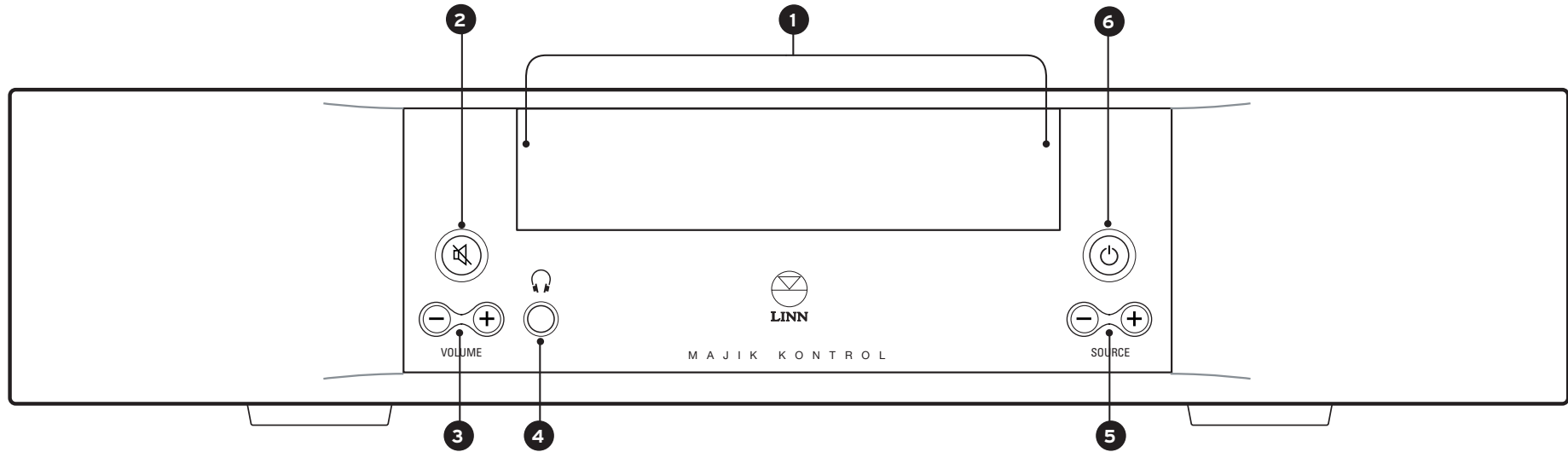
The unit can be connected to any worldwide mains voltage with no adjustment. Automatic Voltage Selection (AVS) is an integral part of the design, allowing the power supply to automatically adjust for the incoming mains supply.





The unit uses a switch mode power supply (SMPS) in place of the bulky, heavy, noisy and inefficient transformer (and associated circuitry) found in conventional designs. This Linn designed power supply provides excellent tolerance to lesser quality mains supplies, allowing it to perform at close to its best, even with supplies that are quite badly corrupted.

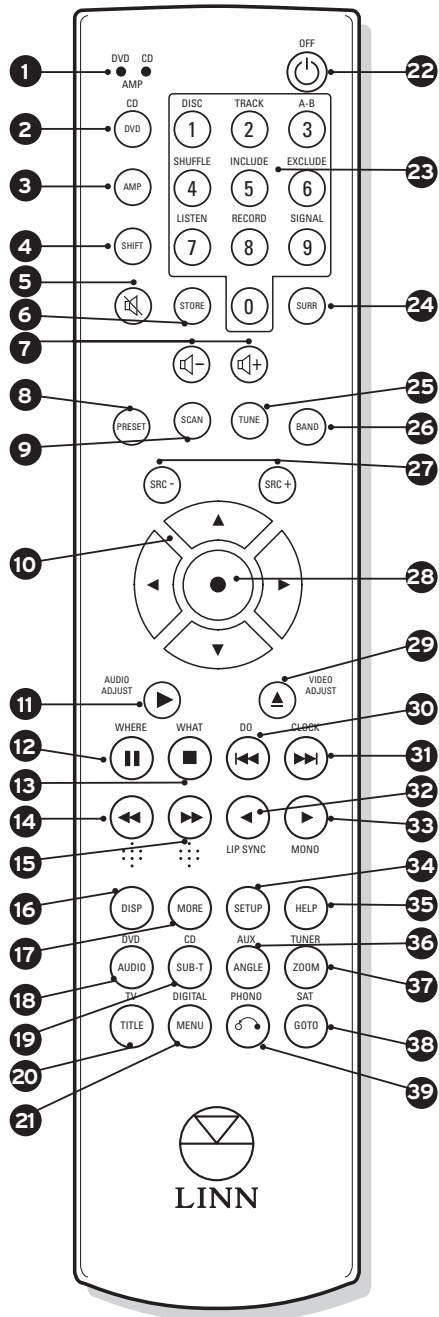
Operation

Control keys

Front panel










- 1 Front panel display (location of infra-red remote control sensors is indicated)
- 2  Mutes and un-mutes the volume
- 3  Adjust the volume level
- 4  Headphone socket Accepts a 3.5 mm headphone jack
- 5 **SOURCE - / +** Change source
- 6  (standby) Brings the unit into and out of standby



Handset

Greyed functions do not operate with the MAJIK KONTROL

- 1 **LEDs** indicate when a signal is being transmitted from the handset. The LED pattern indicates the handset's current mode of operation - see *Handset modes*, below.
- 2 **DVD / CD** To change the handset mode for DVD player control. (SHIFT+DVD: To change the handset mode for CD control). See *Handset modes* below.
- 3 **AMP (amplifier)** To change the handset mode for pre-amplifier control. See *Handset modes*, below.
- 4 **SHIFT** To access the SHIFT functions. See *Handset modes*, below.
- 5 To mute / unmute the sound. Note - the mute key is always functional and is not affected by the handset mode.
- 6 **STORE** To store disc playback and tuner information [Disc player and tuner function].
- 7 / To adjust the volume level. Note - the volume controls are always functional and are not affected by the handset mode.
- 8 **PRESET** To access presets [Tuner function].
- 9 **SCAN** To access Scan function [Tuner function].
- 10 / / / To navigate setup menus and adjust various features.
- 11 / **AUDIO ADJUST** To play a disc [Disc player function] / To access adjustable audio features [Pre-amplifier function].
- 12 / **WHERE*** To pause a disc [Disc player function].
- 13 / **WHAT*** To stop a disc [Disc player function].
- 14 / **DO** * To fast search backwards on a disc [Disc player function].
- 15 / **DO** * To fast search forwards on a disc [Disc player function].
- 16 **DISP (display)** To change the time display on the front panel while a disc is playing [Disc player function].
- 17 **MORE** Not currently functional.
- 18 **AUDIO / DVD** To select audio languages on DVDs [AV disc player function] / To select the DVD input (only applicable if one has been assigned in the Source Configuration menu) [Pre-amplifier function].
- 19 **SUB-T (subtitles) / CD** To switch DVD subtitles on or off [AV disc player function] / To select the CD input (only applicable if one has been assigned in the Source Configuration menu) [Pre-amplifier function].
- 20 **TITLE / TV** To access the title menu on a DVD [AV disc player function] / To select the TV input (only applicable if one has been assigned in the Source Configuration menu) [Pre-amplifier function].
- 21 **MENU / DIGITAL** To access the main menu on a DVD [AV disc player function] / To select a digital input - not applicable to this product [AV pre-amplifier function].

- 22  (standby) / OFF Brings unit out of, or puts into, standby mode / emits a discrete 'OFF' command - required for certain control applications.
- 23 **Digits 0-9 / shifted functions** Numeric keys / To access functions marked in red.
- 24 **SURR (surround)** To cycle through sound formats [AV disc player function].
- 25 **TUNE** To select a tuner frequency [Tuner function].
- 26 **BAND** To change frequency band [Tuner function].
- 27 **SRC- / SRC+ (source - / source +)** To change source.
- 28 ● ('enter') To execute a selected option.
- 29  / **VIDEO ADJUST** To open/close the disc drawer [Disc player function] / To select the type of output video signal [AV pre-amplifier function].
- 30  / **DO*** To select previous chapter/track [Disc player function].
- 31  / **CLOCK*** To select next chapter/track [Disc player function].
- 32  / **LIP SYNC** To fast scan backwards [Disc player function] / To select lip sync adjustment [AV pre-amplifier function].
- 33  / **MONO** To fast scan forwards [Disc player function] / MONO is not functional on this product.
- 34 **SETUP** To enter or exit setup mode.
- 35 **HELP** Not functional on this product.
- 36 **ANGLE / AUX (auxiliary)** To select available viewing angles on DVDs [AV disc player function] / To select the AUX input (only applicable if one has been assigned in the Source Configuration menu) [Pre-amplifier function].
- 37 **ZOOM / TUNER** To magnify the screen image [AV disc player function] / To select the TUNER input (only applicable if one has been assigned in the Source Configuration menu) [Pre-amplifier function].
- 38 **GOTO / SAT (satellite)** To jump to a particular title, chapter or time on a disc [AV disc player function] / To select the SAT input (only applicable if one has been assigned in the Source Configuration menu) [Pre-amplifier function].
- 39  (return) / **PHONO** To move back through multi-level menus on DVDs [AV disc player function] / To select the PHONO input (only applicable if one has been assigned in the Source Configuration menu) [Pre-amplifier function].

* Used if the unit is installed in a Linn KNEKT system.

Handset modes

For convenience, the handset has been designed to operate a number of different Linn products. This is to ensure that the number of handsets required to operate a Linn system is minimised. The handset is therefore capable of operating in a variety of modes:

AMP mode - press the **AMP** key. The pre-amplifier functions (printed in blue above or below the keys themselves) will then be the primary handset keys and both LEDs will operate when one of the AMP keys is pressed.

DVD mode - press the **DVD** key. The DVD functions will then be assigned as the primary handset keys and the 'DVD' LED will operate when one of the keys is pressed.


CD mode - press **SHIFT + DVD**. The CD functions will then be assigned as the primary handset keys and the 'CD' LED will operate whenever one of the keys is pressed.

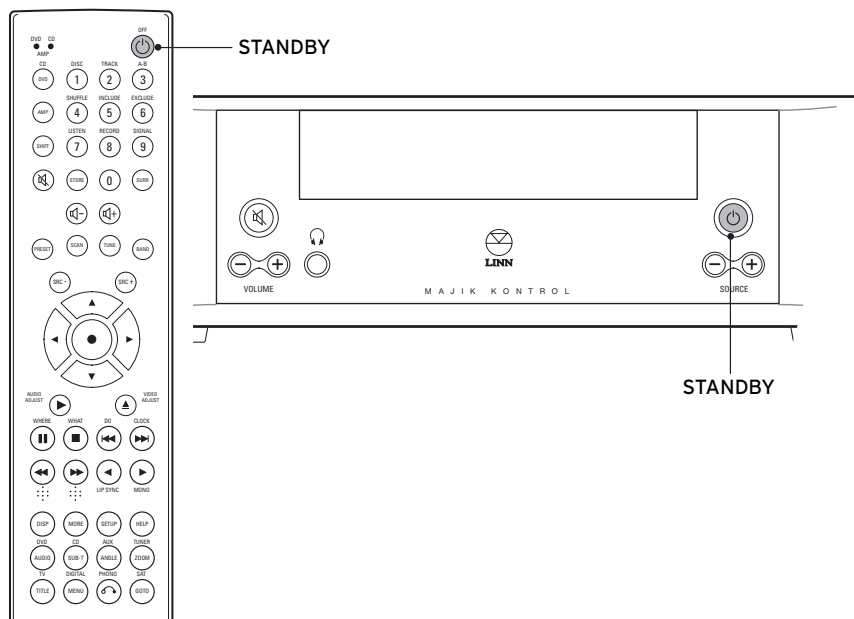
SHIFT functions. Pressing **SHIFT**, followed (within 2 seconds) by one of the keys with red type above it will access the function as indicated by the red type. Note - unlike the 'mode' functions above, the handset is not reassigned, therefore **SHIFT** must be pressed each time a shift function is accessed.

Note:

The handset mode and the product being controlled will determine which keys are operational. Some keys will only operate with specific products and may be non-functional for others. See the Operation instructions below for details of which keys apply to the MAJIK KONTROL.

Standby

When connected to the mains supply your MAJIK KONTROL will take approximately 8 seconds to configure itself. During this time three dots will be shown on the display and the unit will ignore front panel and handset commands. After the MAJIK KONTROL has completed this process it will enter standby mode and the display will show the standby symbol .



To bring the unit out of standby:

- Press  on the handset or front panel.

Notes:

You can configure certain aspects of the unit's setup, including how it comes out of standby. See the *Setup (User Options)* chapter for further details.

Any of the front panel keys or the AMP function keys on the handset will also bring the unit out of standby.

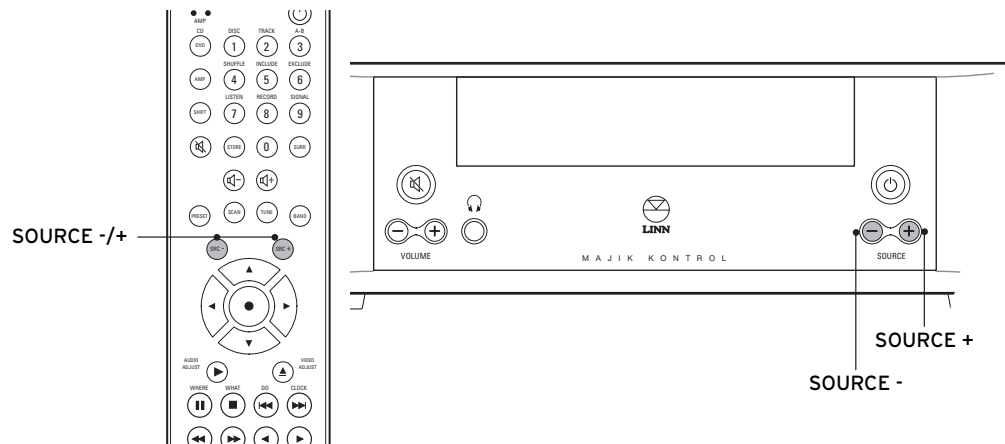
To put the unit into standby:

- Press  on the handset or front panel.

Note:

Standby mode reduces the power used by the unit and is useful for situations where the unit is not being used for a short time and/or requires to be switched on remotely. For longer periods of non-use, switching off at the mains (using the mains switch at the rear or unplugging) is recommended.

Basic controls Source selection



To select a source:

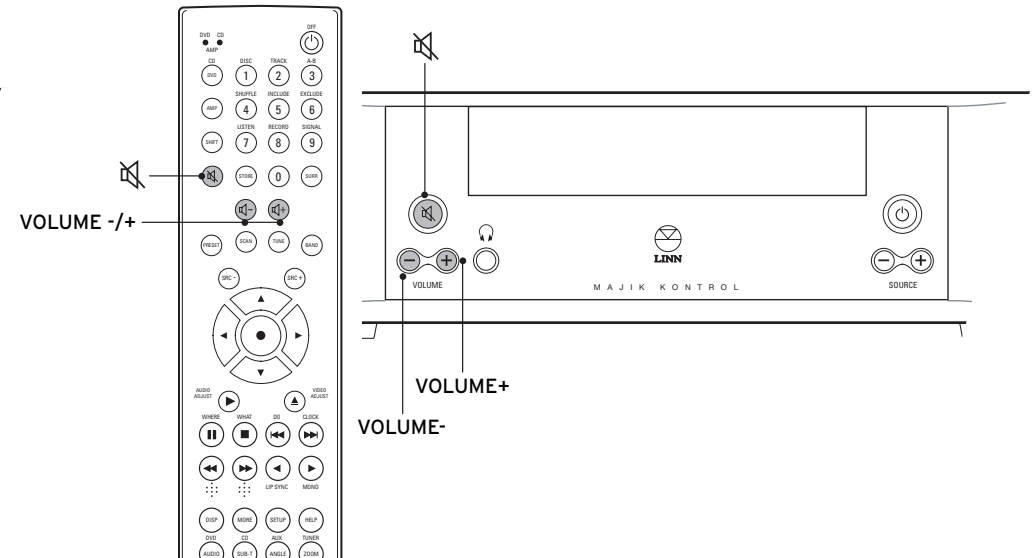
- Press and hold, or repeatedly press **SOURCE-** or **SOURCE+** on the handset or front panel to scroll through the available sources.
- Or
- If the unit's input types have been configured, directly select the input using the direct source selection keys on the handset. See the *Setup (user options)* chapter for further information.

Notes:

Input names, as they appear on the display, and input types can be customised for your convenience. See the *Setup (user options)* chapter later in this manual.

Setting an input type to 'None' means that the input will no longer be available for selection. This is useful if you have inputs that are not being used as they will no longer appear when you scroll using **SOURCE-/+**.

Volume control



To change the volume setting:

- Press and hold, or repeatedly press **VOLUME-** or **VOLUME+** on the front panel.
- Or
- Press and hold, or repeatedly press **🔊-** or **🔊+** on the handset.

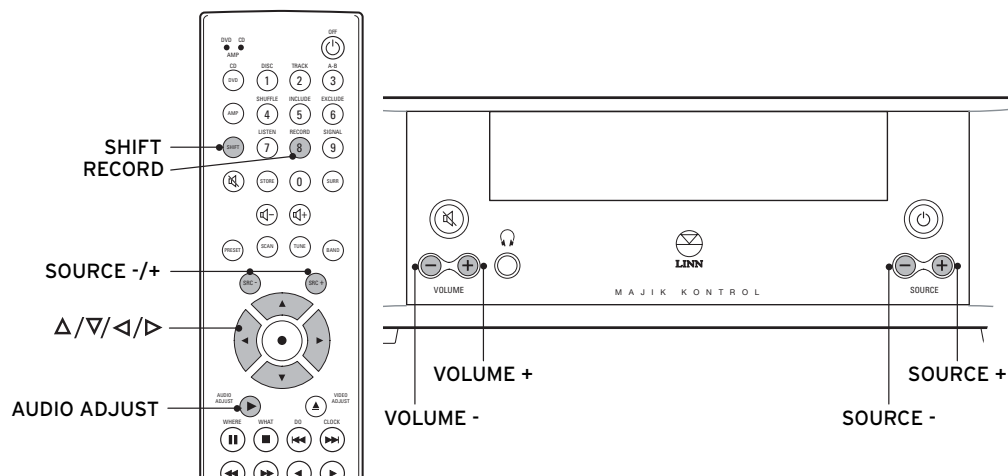
To mute and un-mute the volume:

- Press **🔊** on the handset or front panel.
- Press **🔊** again to restore the original setting.

Note:

The handset volume and mute keys are not affected by the handset mode.

Additional controls



Balance adjustment

To adjust the balance setting:

- Press **AUDIO ADJUST** on the handset (ensure the handset is in AMP mode).

The display will show the current balance setting (default setting = 0, i.e. centred).

- Use **◀/▶** on the handset or **VOLUME - / +** on the front panel to adjust the balance to the left and right respectively.

To reset the balance to its centre position:

Either

- Press and hold **AUDIO ADJUST**.

Or

- Adjust the balance (see instruction above) until the centre setting (0) is reached.

Recording

To record a source:

- Press **RECORD** on the handset (**SHIFT + 8**).
- Select the source you wish to record using **SOURCE- / SOURCE +** (handset must be in AMP mode) or **Δ/▽** on the handset, or **SOURCE- / SOURCE +** on the front panel.

The selected source will then be output, at a fixed volume, to **TAPE OUT** and can be recorded by an analogue recording device, if one is connected.

Notes on recording sources:

If the MAJIK KONTROL is being used as a Main-room driver in a KNEKT system (in the *Unit configuration* setup menus KNEKT has been set to **Main Room**), the record source must be set to **AS KNEKT**. This is to enable audio distribution to local rooms. To protect a record path, select the required source name. Once recording has finished, reselect the **AS KNEKT** option.

If the MAJIK KONTROL is being used as a Receiver in a KNEKT system (in the *Unit configuration* setup menus KNEKT has been set to **Local Room**), an additional record source, KNEKT (for recording the audio signal being sent by a Main-room driver) will be available.

NO SOURCE means that no record path will be set.

Source inputs set to **NONE** will not be shown.

Setup (user options)

The setup menus can be used to configure the MAJIK KONTROL pre-amplifier to customise aspects of its operation to your requirements, to operate in a particular type of installation or to view important functional data.

Entering and navigating setup menus

(Using the handset)

- Put the handset into AMP mode by pressing the **AMP** key.
- Press **SETUP**.
- Navigate up or down the options within a menu, using Δ / ∇ .
- Press \blacktriangleright or 'enter' to select an option.
- Press \blacktriangleleft to go back to the previous option or menu.
- Press **SETUP** to exit setup.

Or

(Using the front panel)

- Press and hold \boxtimes until the MAIN MENU appears.
- Navigate up or down the options within a menu, using **SOURCE + / SOURCE -**.
- Press **VOLUME+** or ⏻ to select an option.
- Press **VOLUME-** to go back to the previous option or menu.
- Press \boxtimes to exit setup.

Note:

The option that is currently active (either by default or selected by you) will be indicated by a tick \checkmark beside it.

The main menu consists of four sub-menus:

Display configuration
Source configuration
Audio configuration
Unit configuration

Display configuration

Option	Settings	Description	Default setting
Display Brightness	Auto Percentage (2 - 100%)	<p>If set to 'Auto', the display brightness will change with the surrounding lighting conditions (dimmer surroundings => dimmer display / brighter surroundings => brighter display). To select 'Auto', scroll up or down the percentage settings and the 'Auto' option will appear in place of 0%.</p> <p>With 'Percentage', you can select a setting between 2% and 100%. The display brightness will (while out of standby) remain set to the specified brightness setting.</p>	Auto
Display Content	Source and Volume Volume Source Last Used	<p>If set to 'Source and Volume', both the currently selected source and the current volume setting will be displayed.</p> <p>If set to 'Volume', only the current volume setting will be displayed.</p> <p>If set to 'Source', only the current source setting will be displayed.</p> <p>If set to 'Last Used', the last setting (source or volume) to be adjusted will remain on the display.</p> <p>Note: The above settings are applicable only when the unit is out of standby, is not in display-sleep mode and is not being adjusted.</p>	Source and Volume
Display Timeout	1 - 10 seconds	Determines how long, after an adjustment is made, before the display reverts to its 'Display Content' setting as detailed above.	1 second
Sleep Display Delay	Delay in minutes and seconds (0 seconds to 5 minutes) Off	<p>The time setting determines how long after the last command has been received that the display goes to sleep (where only 3 dots are visible on the display).</p> <p>If set to 'Off', the display will not go to sleep.</p>	Off

Source configuration The options listed below are available for each source. Select the source you wish to adjust and amend as required.

Option	Settings	Description	Default setting
Name	N/A	<p>Allows you to customise the input name as it appears on the display. Any name can be entered up to a maximum of 12 characters (including spaces).</p> <p>To change the selected input name:</p> <ul style="list-style-type: none"> • Use the Δ / ∇ keys on the handset or SOURCE -/+ keys on the front panel to change the flashing character. • Use the \blacktriangleright key on the handset or VOLUME + key on the front panel to move to the next character. • Use the \blacktriangleleft key on the handset or VOLUME - key on the front panel if you wish to move to the previous character. • Once you are happy with your changes press 'enter' on the handset or ⏻ on the front panel to enter the changes. • To exit and go back to the menu, repeatedly press the \blacktriangleleft key on the handset or VOLUME - on the front panel. 	<p>Source 1 = MAJIK CD</p> <p>Source 6 = Phono</p> <p>Sources 2 to 5 = source numbers as printed on the back panel (Input 1, Input 2 etc)</p>
Type	Aux (auxiliary) None Satellite Cable TV DAT Tape 2/VCR Tape 1 Phono/Aux 2 Tuner DVD CD	<p>The source type selected allows the input to be directly selected from the handset (see <i>Handset</i> section in <i>Operation</i> chapter), as an alternative to scrolling through the inputs.</p> <p>Notes: Assigning 'None' as a source type means the input will not be available for selection - useful for bypassing unconnected source inputs.</p> <p>Not all source types listed are available for direct selection on the handset supplied. Some are only available on older Linn handsets.</p> <p>If more than one source input has been configured as the same source type, repeatedly pressing the relevant key on the handset will scroll through all those that apply.</p>	Aux
Volume Offset	-15 to +15	<p>Allows the volume level of each source input to be adjusted up or down, relative to the others.</p> <p>Allows you to equalise the volume across all sources. For example if a CD player and a Tuner are connected, the CD player's output volume may be louder than that of the tuner so this feature saves volume adjustment when switching between these sources.</p> <p>Note: The volume difference will not be visible on the volume display - so when switching between offset sources, the volume display will not reflect the offset.</p>	0

Audio configuration

Option	Settings	Description	Default setting
Volume Rate	1/10 to 10/10	Allows you to adjust the rate at which the volume changes when the VOLUME -/+ keys are held down. 1/10 = slowest, 10/10 = fastest.	6/10
Mute Rate	1/10 to 10/10	Allows you to change the rate at which the volume goes down or up when MUTE key has been pressed. 1/10 = slowest, 10/10 = fastest.	6/10
Volume Limit	0 to 100	Allows you to limit the unit's maximum volume. For example, if you set the volume limit to 60, the volume cannot be adjusted above 60.	100
Volume Preset	0 to 100	Allows you to adjust the volume level that the unit will be set to when it comes out of standby.	40
Headphone Offset	-15 to +15	Allows the volume of the headphone output to be adjusted up or down, relative to the standard audio outputs (LINE OUT). This option enables you to compensate for the different outputs of different headphone types. So after adjusting the offset, when headphones are connected or disconnected, the volume should not require to be adjusted.	0

Unit configuration

Option	Settings	Description	Default setting
Selection Timeout	1 - 10 seconds	Allows you to adjust the time taken for source selection to take effect. A delay allows you time to scroll through and view available sources.	1 second
Startup Source	None Last Used KNEKT Input 6 Input 5 Input 4 Input 3 Input 2 Input 1	Allows you to set which source input will be selected when the unit comes out of standby. Note: 'KNEKT' is only applicable if the unit is operating as the Receiver in the Local room of a Linn KNEKT multi-room system.	Last used
Standby Record From	None Last Used KNEKT Input 6 Input 5 Input 4 Input 3 Input 2 Input 1	Allows you to set a source to be output at TAPE OUT while the unit is in standby. Note: 'KNEKT' is only applicable if the unit is operating as the Receiver in the Local room of a Linn KNEKT multi-room system. Please consult Linn or your Linn retailer for details.	None
KNEKT	None INTERSEKT Local Room Main Room	Only applicable if the unit is installed in a Linn KNEKT multi-room system. Please consult Linn or your Linn retailer for details. Sets the role of the unit within a KNEKT system. 'None' - to be used if the unit is not installed in a KNEKT system 'INTERSEKT' - use this setting if the unit is installed in a Main-room, in parallel with a KNEKT INTERSEKT. 'Local Room' - use this setting if the unit is being installed as a Receiver in a KNEKT Local room. 'Main Room' - use this setting if the unit is being installed as a Main-room Driver in a KNEKT system.	None
RCU/IR Socket	RCU IR	Set to 'RCU' if an RCU is connected to this socket. Set to 'IR' if an IR Receiver is connected to this socket. Note: Please consult Linn or your Linn retailer for details of products that can be connected to this socket and used to control the unit or pass commands to other products.	RCU

Unit configuration

Option	Settings	Description	Default setting
Handset Commands	Enabled Disabled	If set to 'Enabled', the unit will accept remote commands from the handset. If set to 'Disabled', the unit will not accept remote commands from the handset.	Enabled
RS232 Setup	Baud Rate Parity Data Bits Stop Bits RS232 Events	This option accesses the RS232 setup sub-menu - used to configure the unit to communicate with other RS232 enabled products. Each of the options shown (left) has a number of settings listed within it and these should be adjusted to suit the RS232 protocol being used. The respective default settings are shown (right).	9600 Even 7 1 Disabled
Defaults	Save Installation Restore Installation Reset Factory Defaults	Save Installation - After the unit has been configured, you can save the settings by selecting this item. The saved Installation settings can be restored at any time should the unit's setup be changed (see below). Any alterations to the product's setup that you wish to keep as a new Installation can be stored by selecting this item, which will overwrite the existing Installation settings. Restore Installation - If you have made changes to the setup that you do not wish to keep, use this option to restore the previously saved Installation settings. Reset Factory Defaults - Resets all options in all menus to their factory default* settings.	N/A
Unit Information	H8 S/W Main Board ID Front Panel Board ID Phono Board ID	Not adjustable - for information only. Allows the unit's software revision to be viewed. This category is mainly intended for Linn personnel and Linn-appointed service agents.	N/A
	Input 6 type (Phono MM) (Phono MC) (Line Level)	Not adjustable - for information only. Reconfiguration, if required, is implemented via a hardware adjustment which can be carried out by your Linn retailer. Note: MM (moving-magnet) and MC (moving-coil) are types of phono cartridge. If you have a cartridge and are not sure which type applies, consult its packaging or the cartridge manufacturer's published information.	Phono MM

Technical Specifications

Connector types RS232 IN/OUT IR (Rooms) 1 - 4 MAIN RCU REMOTE IN/OUT LINE OUT TAPE OUT LINE INPUTS	RJ11 3.5 mm jack RJ45 " " RCA Phono " " "
Input impedance MM PHONO INPUT MC PHONO INPUT LINE INPUTS	48 k Ω 68 pF 180 Ω 10 nF 10 k Ω
Input voltage MM PHONO INPUT MC PHONO INPUT LINE INPUTS	70.0 mV peak @ 1 kHz 5.0 mV peak @ 1 kHz 7.5 V peak, 5.3 V rms
Phono stage gain MM PHONO INPUT MC (HIGH GAIN)* MC (LOW GAIN)* *dealer adjustable	+40 dB (x 100) @ 1 kHz +64 dB (x 1500) @ 1 kHz +54 dB (x 500) @ 1 kHz
Output impedance LINE OUT TAPE OUT Headphone	300 Ω 300 Ω 11 Ω
Output voltage LINE OUT TAPE OUT Headphone	7.5 V peak, 5.3 V rms 7.5 V peak, 5.3 V rms 7.5 V peak, 5.3 V rms

Output offset LINE OUT TAPE OUT Headphone	1 mV 1 mV 1 mV
Signal-to-noise ratio LINE INPUTS MM PHONO INPUT MC PHONO INPUT	Better than -106 dB Better than -90 dB Better than -80 dB
Channel balance	+/- 0.2 dB
Channel separation LINE INPUTS MM PHONO INPUT MC PHONO INPUT	Better than -106 dB Better than -104 dB Better than -90 dB
Gain range	-80 dB - +20 dB
Gain resolution	0.5 dB
Unity gain volume	0 dB = volume 80
Dynamic range	106 dB
Frequency response	2.5 Hz - 170 kHz (-3 dB) 7 Hz - 70 kHz (-0.5 dB)
Power consumption Standby Operational	8 W 13 W
Mains supply voltage (auto-ranging)	100 - 120 V ac (\pm 10%) 50 - 60 Hz, 200 - 240 V ac (\pm 10%) 50 - 60 Hz
Fuse replacement	T 800 mA

Technical Specifications

Dimensions	381 mm (w) x 80 mm (h) x 355 mm (d) 15 1/16" (w) x 3 1/8" (h) x 14" (d)
Shipping dimensions	520mm (w) x 220 mm (h) x 490 mm (d) 20 1/4" (w) x 8 3/4" (h) x 19 1/4" (d)
Weight	4.90 kg 10.78 lb
Shipping weight	6.50 kg 14.33 lb
Control	6 control keys on front panel Remote controllable (handset supplied) RS232 IN / OUT for control via RS232 compatible devices REMOTE IN / OUT for relay of commands to/from other Linn devices Fully KNEKT compatible via KNEKT sockets

Guarantee and Service

This product is guaranteed under the conditions which apply in the country of purchase and your statutory rights are not limited. In addition to any statutory rights you may have, Linn undertake to replace any parts which have failed due to faulty manufacture. To help us, please ask your Linn retailer about the Linn warranty scheme in operation in your country.

In parts of Europe, the United States of America and some other markets, extended warranty may be available to customers who register their purchase with Linn. A warranty registration card is included with the product and should be stamped by your retailer and returned to Linn as soon as possible. Alternatively, you can register your warranty online at www.linn.co.uk

Warning

Unauthorised servicing or dismantling of the product invalidates the manufacturer's warranty. There are no user serviceable parts inside the product and all enquiries relating to product servicing should be referred to authorised retailers only.

Technical support and information

For technical support, product queries and information, please contact either your local retailer or one of the Linn offices opposite.

Full details of your local retailer/distributor can be found on the Linn web site: www.linn.co.uk

Important

- Please keep a copy of the sales receipt to establish the purchase date of the product.
- Please ensure that your equipment is insured by you during any transit or shipment for repair.

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