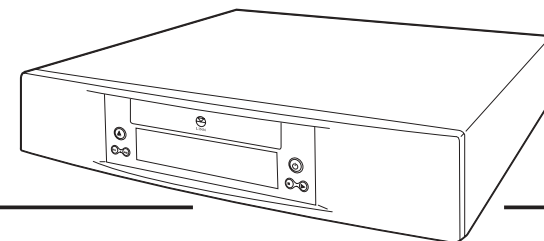




LINN

MAJIK CD

PLAYER



OWNER'S MANUAL
ENGLISH

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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Contents

Introduction	1	Additional controls	14
The MAJIK CD player	1	Repeat	14
Disc types	1	Repeat disc	14
		Repeat track	14
		Repeat A-B	15
Installation	2	Shuffle	16
Unpacking	2	Disc programming ('Include' and 'Exclude' functions)	17
Positioning	2	Include function	17
Connecting	3	Exclude function	17
Back panel	3	Display	18
Connecting to a pre-amplifier or AV system controller	4	Playing MP3 discs	19
Connecting to a device which accepts a digital audio connection (e.g. a digital-to-analogue converter - DAC)	4		
Connecting to the mains supply	4	Setup (user options)	19
		Setup language	20
Operation	5	Display Configuration	20
Control keys	5	Audio Configuration	21
Front panel	5	Unit Configuration	21
Handset	6		
Standby	9	Technical specifications	24
Basic controls	10		
Open/close	10	Guarantee and service	25
Loading and playing	10		
Pause	10		
Stop	10		
Disc navigation controls	11		
Skip track	11		
Search	11		
Fast scan	12		
Direct track access	13		

Introduction

The MAJIK CD player

Linn's MAJIK CD player is an advanced source component - not only does it reproduce the audio on CDs, HDCDs and DTS Audio discs to an exceptional standard, it also performs superbly with recordable and rewritable CDs whether they contain uncompressed audio or compressed formats like MP3 which has become so much part of the way people listen to music today.

Our design teams' experience of producing many superb audio components has again resulted in a unit that is superbly engineered, flexible to your future requirements, and most importantly, will astound you with its audio reproduction.

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

We're sure the MAJIK CD player will provide you with many years of flawless performance. Enjoy!

Disc types

Discs marked with the following logos - or containing the following types of format - are fully compatible with your MAJIK CD player.



Important Note:

Whilst every effort has been made to ensure universal compatibility with all the above-listed disc types, it is impossible to guarantee full operation of every function of the MAJIK CD player with every disc that is on sale now or in the future. We have tested many of the discs that are currently available but many discs that are on sale at this time do not conform to the published and accepted formal specifications. For this reason, we are unable to accept any responsibility for the player being unable to playback any particular disc. If you have discs that do not play on the MAJIK CD player, which are subsequently found to play on other brands of player, then this does not imply that the unit is in any way at fault. There are web sites displaying details of discs that have known playback problems and we suggest that you consult with this published data before you make any judgments regarding the unit's playback abilities. We welcome the receipt of all suspect discs as this may assist us in ensuring that the MAJIK CD player continues to develop but cannot accept discs from end-users on the basis that we have made any warranty about being able to learn how to play them.

Novelty discs

Do not play irregularly shaped discs (heart-shaped, business card size etc) in the MAJIK CD player as they may damage the player.

Installation

Unpacking

The MAJIK CD player is supplied with the following accessories:

- luminous handset
- 2 x RO3 (AAA) batteries for the handset
- mains lead
- 2 x black interconnect cables
- 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 CD player almost anywhere you find convenient, but please consider the following points:

- The unit should be placed on a flat, stable and rigid surface.
- 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 artificial lights, such as fluorescent strips and energy saving lamps can emit IR which can likewise affect the operation.
- The player 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.

Important:

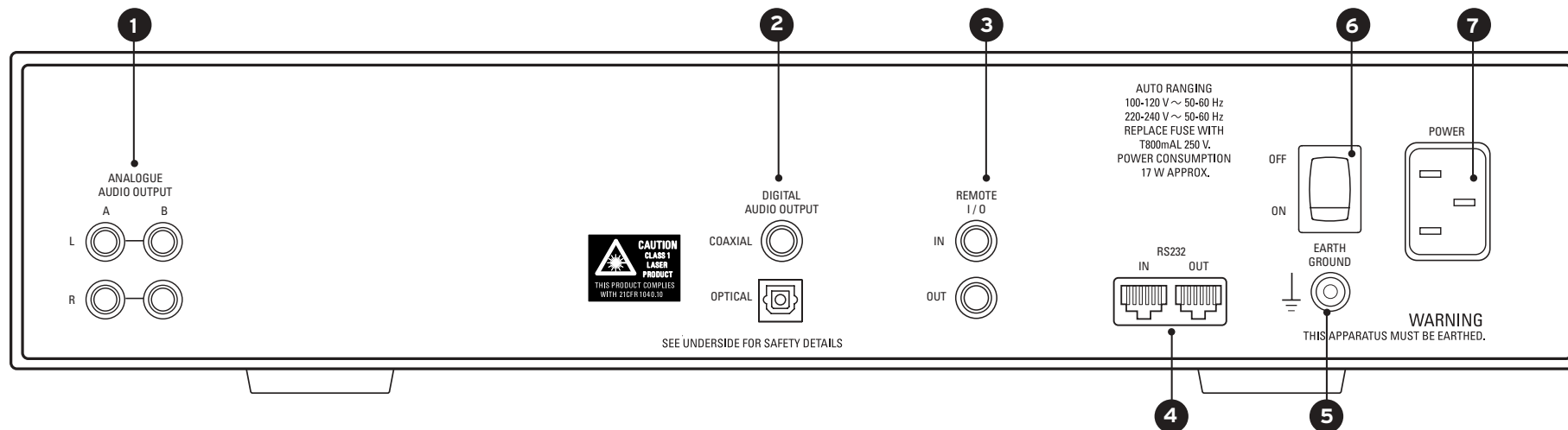
Do not open the unit's disc drawer if the unit is behind glass doors as this can damage the drawer's mechanism.

Connecting

Important:

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

Back panel



1 ANALOGUE AUDIO OUTPUT

'Line-level' analogue audio outputs. For connection to a pre-amplifier or AV system controller.

2 DIGITAL AUDIO OUTPUT

For connection to a device which accepts a digital audio connection (e.g. digital-to-analogue converter). COAXIAL (electrical) and OPTICAL connections are provided.

3 REMOTE IN/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.

4 RS232 IN/OUT

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

5 EARTH GROUND

For connecting the unit to an earthing terminal if no mains earth is available.

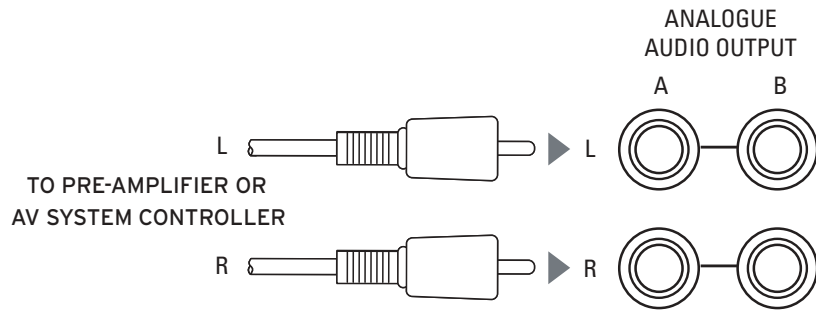
6 MAINS switch

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

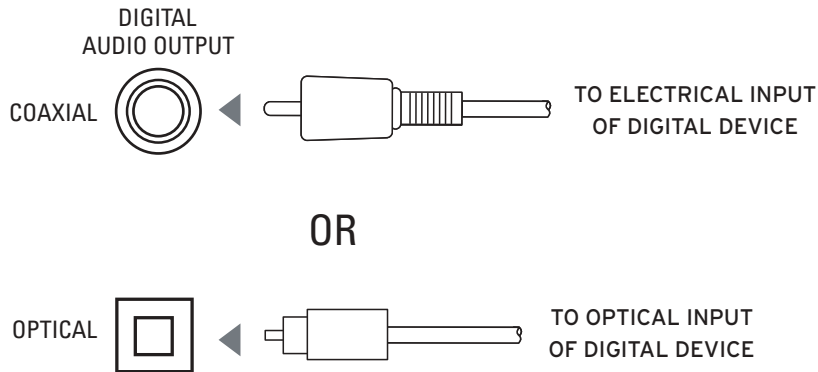
7 POWER input

See Connecting to the mains supply, below.

Connecting to a pre-amplifier or AV system controller



Connecting to a device which accepts a digital audio connection (e.g. a digital-to-analogue converter - DAC)



Connecting to the mains supply

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.

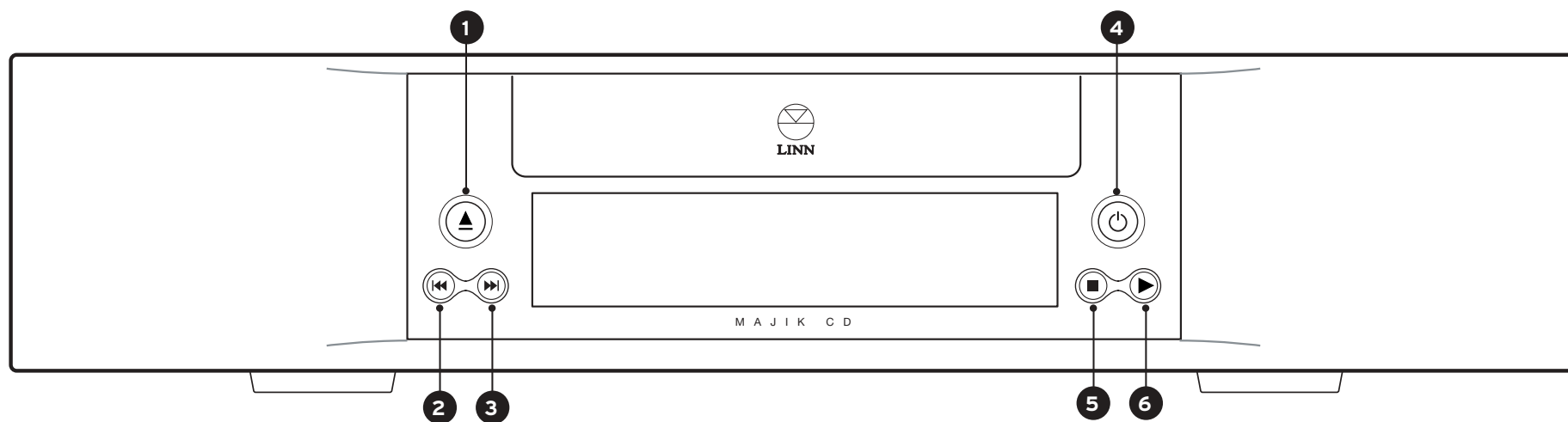
The unit can be connected to any worldwide mains voltage with no adjustment. Automatic Voltage Selection (AVS) is an integral part of the design, allowing the power supply to automatically adjust for the incoming mains supply.

The MAJIK CD uses a switch mode power supply (SMPS) in place of the bulky, heavy, noisy and inefficient transformer, rectifier and reservoir capacitor 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

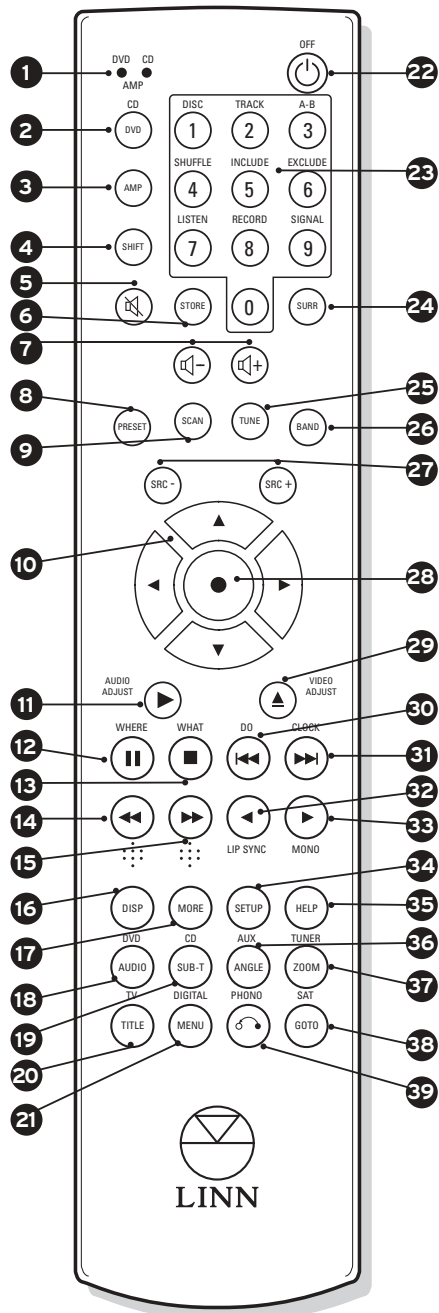
Control keys

Front panel



- 1 Open / close**
To open and close the disc drawer
- 2 Skip backwards**
To skip to the previous track
- 3 Skip forwards**
To skip to the next track

- 4 Standby**
To bring the unit into and out of standby
- 5 Stop**
To stop CD playback
- 6 Play**
To start CD playback



Handset

Greyed keys do not function with the MAJIK CD.

- 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** 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 preamplifier control. See *Handset modes*, below.
- 4 **SHIFT** To access the SHIFT functions. See *Handset modes*, below.
- 5 Pre-amplifier function. To mute / unmute the sound.
- 6 **STORE** Disc programming function - to store a track in a program. Also used to store settings in tuners and preamplifiers.
- 7 / Pre-amplifier function. To decrease / increase volume.
- 8 **PRESET** Tuner function. To access Tuner presets (then use / keys to scroll through presets).
- 9 **SCAN** Tuner function. To access Scan function (then use / keys to scan).
- 10 / / / To navigate menus and adjust settings.
- 11 / **AUDIO ADJUST** To play a disc / to change audio settings.
- 12 / **WHERE** To pause a disc / to select a room or zone on a Linn KNEKT RCU.
- 13 / **WHAT** To stop a disc / to select a source on a Linn KNEKT RCU.
- 14 / To fast search backwards on a disc / to perform an action in a Linn KNEKT system.
- 15 / To fast search forwards on a disc / to perform an action in a Linn KNEKT system.
- 16 **DISP (display)** To scroll through the available display modes.
- 17 **MORE** Allows access to extra functions or menus for certain products - not functional on the MAJIK CD player.
- 18 **AUDIO / DVD** To select audio language on an AV source / to select DVD input on a pre-amplifier or AV controller.
- 19 **SUB-T (subtitles) / CD** To access subtitles on an AV source and to scroll through available subtitles / to select CD input on a pre-amplifier or AV controller.
- 20 **TITLE / TV** To access the title menu on an AV source / to select the TV input on a pre-amplifier or AV controller.
- 21 **MENU / DIGITAL** AV source function - to access the disc menu / to select a digital source on a preamplifier or AV controller.

- 22 **⏻ (Standby)** To bring the unit into and out of standby. SHIFT + ⏻ emits a discrete 'OFF' command - necessary for certain control applications.
- 23 **Digits 0-9 Numeric keys***. To directly access tracks, chapters, radio frequencies etc.

Numeric key shift functions

- **SHIFT + 1:** Repeat disc ● **SHIFT + 2:** Repeat current track ● **SHIFT + 3:** Repeat section of disc ● **SHIFT + 4:** Shuffle function
- **SHIFT + 5:** Include tracks - disc programming function ● **SHIFT + 6:** Exclude tracks - disc programming function
- **SHIFT + 7:** Pre-amplifier function - to switch from RECORD to LISTEN
- **SHIFT + 8:** Pre-amplifier function - to switch from LISTEN to RECORD ● **SHIFT + 9:** Tuner function - to access signal function

- 24 **SURR (surround)** AV source function. To scroll through the available surround sound options.
- 25 **TUNE** Tuner function. To access Tune function (then use Δ / ∇ keys to tune).
- 26 **BAND** Tuner function. To change frequency band.
- 27 **SRC- / SRC +** Pre-amplifier functions. To change source.
- 28 **'enter'** Executes a selected option.
- 29 **▲, (open / close) / VIDEO ADJUST** To open and close the disc drawer / to change video settings.
- 30 **⏮ / DO** To select previous track/chapter on a disc / to select a function in a Linn KNEKT system.
- 31 **⏭ / CLOCK** To select next track/chapter on a disc / to select the clock function in a Linn KNEKT system.
- 32 **◀ / LIPSYNC** To fast scan backwards on a disc / to adjust lip sync on an AV source.
- 33 **▶ / MONO** To fast scan forwards / to toggle between 'mono' and stereo modes on a pre-amplifier.
- 34 **SETUP** To enter or exit setup mode.
- 35 **HELP** To access help mode.
- 36 **ANGLE / AUX (auxiliary)** AV source option. To select different viewing angles (availability will depend on source material) / to select the AUX input on a pre-amplifier or AV controller.
- 37 **ZOOM / TUNER** To magnify screen image / to select tuner input on a pre-amplifier or AV controller.
- 38 **GOTO / SAT (satellite)** To jump to a particular title, chapter, track or time on a disc / to select the Satellite input on a pre-amplifier or AV controller.
- 39 **↶ (return) / PHONO** To go back to previous menu on an AV source / to select the Phono input on a pre-amplifier or AV controller.

* To enter a single digit number, press the number once. To enter a double digit number, press the first number key followed by the second number key within 2 seconds. E.g. if you wish to enter number '15', press '1', quickly followed by '5'.

Handset modes

For convenience, the handset has been designed to operate a number of different types of Linn product, in order 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:

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.

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. (The MAJIK CD player will also respond to DVD commands - however, see notes below).

AMP mode - press the AMP key. The preamplifier 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.


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 and SHIFT must be pressed before each shift function is accessed.

Notes:


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 CD player.

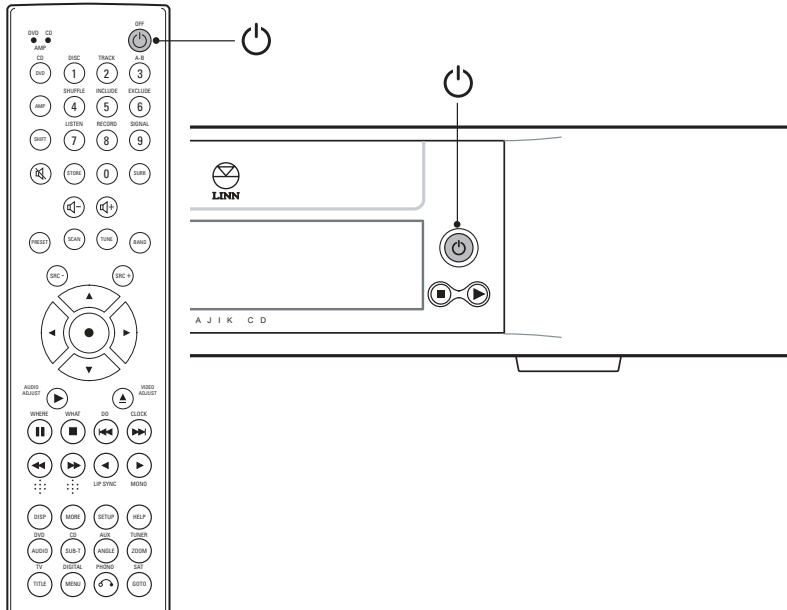
The unit will respond to relevant DVD commands (e.g. Play, stop, skip etc) as long as the 'Accept DVD Commands' user option is set to 'Yes'. It will then respond when the handset is in DVD mode as well as CD mode. ('Yes' is the factory default setting). See *Setup (user options)*.

Standby


When first powered up, your MAJIK CD player will be in standby and the display will show the standby symbol .

To bring the unit out of standby:


- Press  on the handset or front panel.



Note:

Any of the front panel keys or the CD function keys on the handset will also bring the unit out of standby. Using certain keys to bring the unit out of standby will cause the unit to perform the key's designated action after it has come out of standby. For example, if the  key is pressed while the unit is in standby, it will open the drawer immediately after it has come out of standby.

To take the unit into standby:

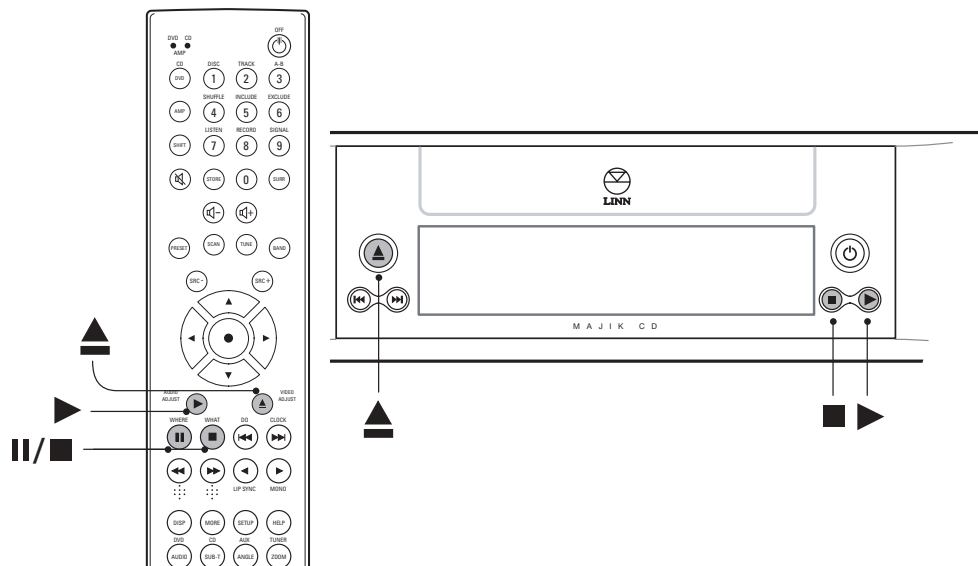
- Press  on the handset or front panel.

Notes:

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



Open/close

To open and close the disc drawer:

- Press ▲ on the handset or front panel to open the disc drawer.
- Press ▲ again to close the drawer.

Loading and playing

To load / play a disc:

- Press ▲ on the handset or front panel to open the disc drawer.
- Place the disc (label side upwards) in the drawer, ensuring it is centrally positioned in the cutout.

- Press ▲ again.

This will load the disc without playing it.

- Press ► on the handset or front panel thereafter to start the disc playing.

or

- Open the drawer and insert the disc, as above.
- Press ► on the handset or front panel.

This will load and play the disc.

Pause

To pause CD playback:

- Press || on the handset.

To resume playback:

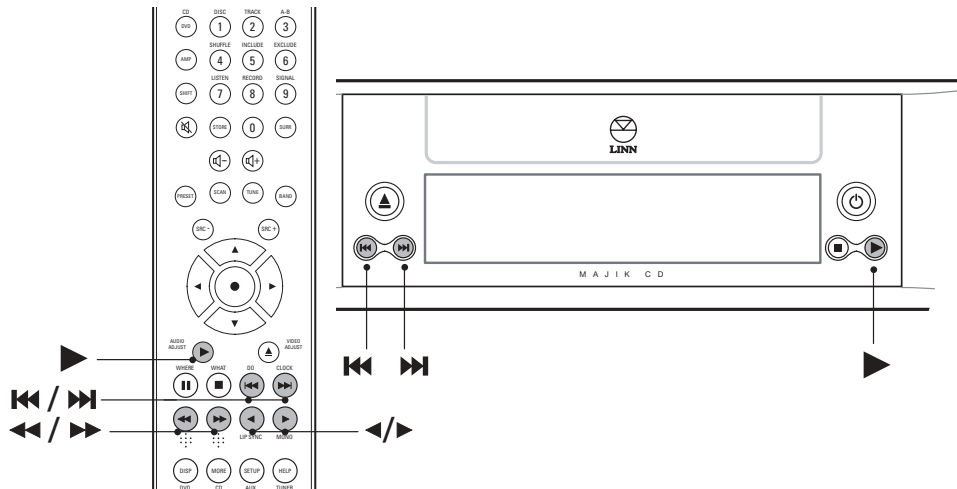
- Press ► on the handset or front panel.

Stop

To stop CD playback:

- Press ■ on the handset or front panel.

Disc navigation controls



Skip track

To skip to the previous track on the disc:

- Press ◀◀ on the handset or front panel

To skip to the next track on the disc:

- Press ▶▶ on the handset or front panel.

Note:

'Skip track' will only operate while a disc is playing.

Search

'Search' allows you to scan through a disc at 2x normal speed.

Note:

During 'search', regular bursts of sound are played (at a reduced volume) to allow you to hear the approximate playback position of the track/disc. The time display will also appear, in order to provide another useful indicator of the disc's playback position.

To search backward:

- Press and hold ◀◀ on the handset.

Releasing the key will resume normal playback.

To search forward:

- Press and hold ▶▶ on the handset.

Releasing the key will resume normal playback.

Note:

'Search' will only operate while a disc is playing.

Fast scan

'Fast scan' allows you to scan through a disc at 2x, 4x, 8x or 16x normal speed without holding down any keys.

Note:

During 'fast scan', regular bursts of sound are played (at a reduced volume) to allow you to hear the approximate playback position of the track/disc. Also, the time display appears, in order to provide another useful indicator of the disc's playback position.

To fast scan backward:

- Press ◀ on the handset.

This will start the unit scanning backward at 2x normal speed.

Further presses of ◀ will increase the scan speed to 4x, 8x and 16x normal speed.

Another press will resume normal playback.

To fast scan forward:

- Press ▶ on the handset.

This will start the unit scanning forward at 2x normal speed.

Further presses of ▶ will increase the scan speed to 4x, 8x and 16x normal speed.

Another press will resume normal playback.

To resume normal playback:

Either

- Repeatedly press ◀ or ▶ until normal playback resumes.

or

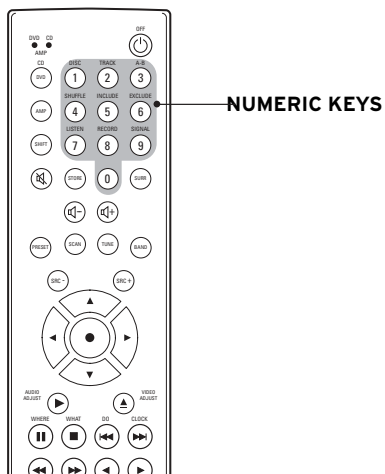
- Press ▶ while fast scan is in operation.

Note:

'Fast scan' will only operate while a disc is playing.

Direct track access

You can use the numeric keys on the handset to directly access the track you wish to play.



To enter a double digit number:

- Press the first number key on the handset and then press the second number key within 2 seconds.

E.g. If you wish to enter number '15', press '1', quickly followed by '5'.

Notes:

'Direct track access' can be used whether a disc is playing, stopped or ejected (with a disc in the drawer).

If you enter a track number that does not exist on the disc, the instruction will be ignored.

To enter a single-digit number:

- Press the appropriate number key on the handset.

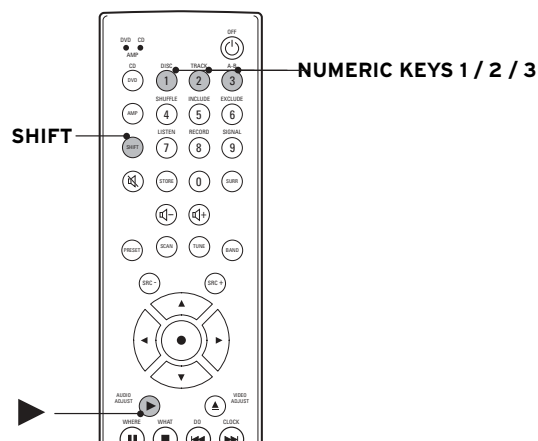
E.g. if you wish to access track 5, press the '5' key once.

The selected track will be accessed 2 seconds after the key has been released as the unit waits to see if a double-digit number is going to be entered.

Note:

If you wish to access a single-digit track number without waiting for 2 seconds, press '**enter**' after you have pressed the number key

Additional controls



Repeat

The 'repeat' function allows you to repeat all or part of a disc.

Repeat disc

To repeat the entire disc:

- Start the disc playing.
- Press **DISC** on the handset (**SHIFT + 1**).

'ALL' will appear on the unit's display to indicate that the 'Repeat disc' function is in operation. The disc will play repeatedly until the operation is cancelled.

To cancel the 'Repeat disc' function:

- Press **DISC** on the handset again (**SHIFT + 1**).
- or
- Eject the disc.

Repeat track

To repeat a single track:

- Start the disc playing.
- Access the track that you wish to repeat by skipping to it or using the numeric keys (see *Direct track* access above).
- Press **TRACK** on the handset (**SHIFT + 2**).

'ONE' will appear on the unit's display to indicate that the 'Repeat track' function is in operation. The track will play repeatedly until the operation is cancelled.

Note:

The 'Repeat track' function remains in operation even if a different track is selected on the disc - i.e. the new track will repeat in place of the original track.

To cancel the 'Repeat track' function:

- Press **TRACK** on the handset again (**SHIFT + 2**).
- or
- Eject the disc.

Repeat A-B

To repeat a specific section of the disc:

- Start the disc playing.
- Go to the part of the disc that you wish to be the starting point of the repeated section (point 'A').
- Press 'A-B' on the handset (**SHIFT + 3**).

'A-' will appear on the unit's display. The unit is waiting for point B to be entered.

- Continue to play the disc until you reach the point that you wish to mark the end of the repeated section (point B).
- Press 'A-B' on the handset again (**SHIFT + 3**).

'A-B' will appear on the unit's display and it will begin playing from point 'A'. Once point 'B' is reached, the unit will return to point 'A' and continually repeat the section until 'Repeat A-B' is cancelled.

To cancel the 'Repeat A-B' function:

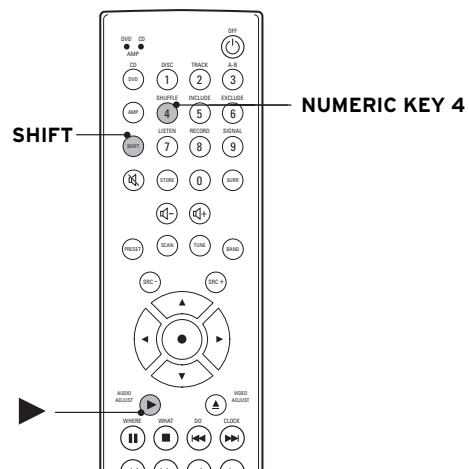
- Press 'A-B' on the handset again (**SHIFT + 3**).

or

- Eject the disc.

Shuffle

The Shuffle function plays the tracks of a disc in a random order.



To cancel the Shuffle function:

- Stop the disc.
 - Press **SHUFFLE** on the handset again (**SHIFT + 4**)
- or
- Eject the disc.

Note:

SKIP BACK is not operational in shuffle mode.

To access the Shuffle function:

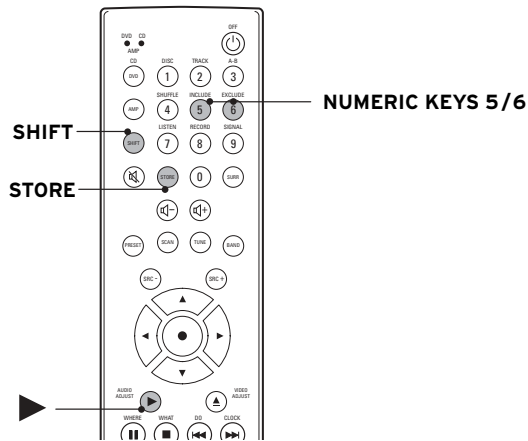
- Load the disc but do not play it (or stop the disc if it is playing).
- Press **SHUFFLE** on the handset (**SHIFT + 4**).

'SHF' will appear on the display to indicate that the 'Shuffle' function is in operation.

- Press **▶** on the handset or front panel.

The tracks on the disc will play in a random order.

Disc programming ('Include' and 'Exclude' functions)



The Program function allows you to customise the way a disc is played - either select tracks from a disc and play them in your preferred order (Include) or to play the disc as normal but with certain tracks removed (Exclude).

Note:
Disc programming functions only operate with CDs.

'Include' function

To access the 'include' function:

- Load the disc but do not play it (or stop the disc if it is playing).
- Press **INCLUDE** on the handset (**SHIFT + 5**).
- Using the numeric keys on the handset (see Direct track access above), enter the number of the first track that you wish to include in your play-list.

- Press **STORE** on the handset to confirm your selection. The selected track will be added to the play-list.
- Repeat the above process to add more tracks as required, pressing **STORE** after each selection.
- Once you are happy with your play-list, press **▶** on the handset or front panel to play the programmed selection.

'INC' will appear on the display to indicate that an 'include' program is in operation.

Note:
It is possible to include a track on an 'include' program more than once.

To cancel the 'include' function:

- Press **INCLUDE** on the handset again (**SHIFT + 5**).
- or
- Eject the disc.

'Exclude' function

To access the 'exclude' function:

- Load the disc but do not play it (or stop the disc if it is playing).
- Press **EXCLUDE** on the handset (**SHIFT + 6**).
- Enter the number of the first track that you wish to exclude from your play-list, using the numeric keys on the handset (see Direct track access above).

- Press **STORE** on the handset to confirm your selection.

The selected track will be added to the list of excluded tracks.

- Repeat the above process to exclude more tracks as required, pressing **STORE** after each selection.
- Once you are happy with your play-list, press ► on the handset or front panel to play the disc, excluding the programmed selection.

'EXC' will appear on the display to indicate that an 'exclude' program is in operation.

To cancel the 'exclude' function:

- Press '**EXCLUDE**' on the handset again (**SHIFT + 6**).
- or
- Eject the disc.

Display

The DISP (display) key on the handset allows you to scroll through a number of display options.

Notes:

The DISP key is only operational while a disc is playing.

All time displays are shown in the following format: MM:SS (i.e. minutes:seconds).

To access the display options:

- Repeatedly press **DISP** on the handset to scroll through the following display options:

DISC TYPE - shows which of the compatible disc types is currently playing (e.g. CD, HDCD etc). See page 1 for a list of compatible disc types.

TRACK / TOTAL - shows the number of the track that is currently playing and the total number of tracks on the disc.

TRACK ELAPSED - shows how much time has elapsed on the track that is currently playing.

TRACK REMAINING - shows how much time is left to play on the track that is currently playing.

DISC ELAPSED - shows how much time has elapsed on the disc.

DISC REMAINING - shows how much time is left to play on the disc.

Note:

For MP3 discs, the options are Disc Type, Track Elapsed, and Folder / File Name.

Playing MP3 discs

To play MP3 tracks:

- Load the disc as normal.

A menu will appear on the display, showing the folders and tracks as they have been stored on the disc.

- If you wish to access a track or tracks within a folder, use the Δ/∇ to navigate to the folder containing the track(s) you wish to play.
- Press 'enter' to select.

The folder contents will then be listed.

- Navigate to the track you wish to play (again using the Δ and ∇ keys).
- Press 'enter' or \blacktriangleright to play the selected track.

The unit will play the selected track and all subsequent tracks in the same folder or list.

Setup (user options)

The user options can be used to configure the MAJIK CD player to operate in a particular type of installation, to customise certain aspects of its operation to your requirements or to view important functional data.

To enter and navigate the Setup menus:

(Using the handset)

- 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 previous option or menu.
- Press **SETUP** to exit setup.

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

(Using the front panel)

- Press and hold \blacktriangle .
- Navigate up or down the options within a menu, using $\blacksquare/\blacktriangleright$.
- Press $\blacktriangleright\blacktriangleright$ or ⏻ to select an option.
- Press $\blacktriangleleft\blacktriangleleft$ to go back to previous option or menu.
- Press \blacktriangle to exit setup.

'Setup' consists of four main menus:

Setup Language
Display Configuration
Audio Configuration
Unit Configuration

Setup language

Option	Settings	Description	Default setting
Setup Language	English Français Deutsch Italiano Español	Changes the language used in the setup menus.	English

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).</p> <p>If set to 'Percentage', you select a setting between 2% and 100%. The display brightness will (while out of standby) remain set to the specified brightness setting.</p> <p>If you have selected a percentage and then later wish to reselect AUTO, scroll down the percentage settings and the AUTO option will appear where 0% would be.</p>	100%
Sleep Display Delay	Off Delay in 10s multiples (up to 5 minutes)	<p>If set to 'Off', the unit's display will not go to sleep (while the unit is out of standby).</p> <p>If set to 'Delay...', you select a time setting. This determines how long after the last command has been received that the display goes to sleep.</p>	Off

Audio Configuration

Option	Settings	Description	Default setting
SPDIF Output	Off Raw LtRt PCM	<p>If you are using your MAJIK CD player as a stand-alone device, set to 'Off' (there will be no output from the DIGITAL OUT output).</p> <p>If you are using an external DAC (digital to analogue converter) - set to 'Raw' (data from the DIGITAL OUT output is identical to the source data).</p> <p>If you are recording to an external digital source (e.g. DAT player) - set to 'LtRt PCM'.</p>	LtRt PCM

Unit Configuration

Option	Settings	Description	Default setting
Handset Commands Accepted	Yes No	<p>If set to 'Yes', the unit will respond to handset commands.</p> <p>If set to 'No', the unit will not respond to handset commands.</p> <p>Note - if this option is set to 'No', setup will not be accessible via the handset. It will then be necessary to access setup via the front panel keys - see <i>To enter and navigate the Setup menus</i>, above.</p>	Yes
Accept DVD Commands	Yes No	<p>If set to 'Yes', DVD commands such as Play, Pause, Stop, Skip etc that are relevant to the MAJIK CD player will be accepted from the handset whether the handset is in DVD or CD mode.</p> <p>If set to 'No', these commands will only be accepted if the handset is in CD mode.</p> <p>Note - see <i>Operation - Handset</i> for further details of handset modes.</p>	Yes
Remote In to Remote Out	Yes No	<p>If set to 'Yes', remote commands received at the REMOTE IN socket will be passed through to the REMOTE OUT socket, allowing remote commands to be relayed to other products downstream.</p> <p>If set to 'No', remote commands will be accepted by the MAJIK CD player but will not be relayed to other products downstream.</p>	Yes
IR to Remote Out	Yes No	<p>If set to 'Yes', remote commands received at the IR sensor on the front panel will be passed through to the REMOTE OUT socket, allowing remote commands to be relayed to other products downstream.</p> <p>If set to 'No', remote commands will be accepted by the MAJIK CD player but will not be relayed to other products downstream.</p>	No

Unit Configuration (continued)

Option	Settings	Description	Default setting
Baudrate	4800 9600 14400 19200 28800 38400 57600 115200 230400	Determines the data transfer rate - for use with RS232.	9600
RS232 Start Message	Yes No	If set to 'Yes', the unit will send a message via the RS232 OUT socket when it comes out of standby to let other RS232 devices know that it is active. If set to 'No', the above message will not be sent.	Yes
RS232 Events	Yes No	If set to 'Yes', a message will be sent via the RS232 OUT socket whenever a change in the unit's status occurs (e.g. if the track is changed). This allows an RS232 control device to synchronise with the MAJIK CD player. If set to 'No', the above messages will not be sent.	Yes
Defaults	Reset Display Defaults Reset Unit Defaults Reset Factory Defaults	Reset Display Defaults - Resets all options within the 'Display Configuration' menu to their factory default settings. Reset Unit Defaults - Resets all options within the 'Unit Configuration' menu to their factory default settings. Reset Factory Defaults - Resets all options in all menus to their factory default settings.	N/A

Unit Configuration (continued)

Option	Settings	Description	Default setting
Unit Information	H8 S/W Version ESS S/W Version Base Code S/W Version FPGA S/W Version MECH S/W Version Engine Board ID Front Panel Board ID Mains On Time Operational Time	<p>Allows the following details about the unit's functional specifications to be viewed. This category is mainly intended for Linn personnel and Linn-appointed service agents. Selecting each heading will display the relevant data.</p> <p>Please note - no adjustment is possible in the 'Unit Information' category.</p> <ul style="list-style-type: none"> • H8 S/W Version - shows the revision of the H8 software. • ESS S/W Version - shows the revision of the ESS software. • Base Code S/W Version - shows the revision of the Base Code software. • FPGA S/W Version - shows the revision of the FPGA software. • MECH S/W Version - shows the revision of the laser mechanism software. • Engine Board ID - shows the ID and revision number of the CD engine/audio board. • Front panel Board ID - shows the ID and revision number of the control board. • Mains On Time - shows the total length of time that the unit has spent powered up. • Operational Time - shows the total length of time that the unit has spent out of standby. 	N/A

Technical Specifications

Compatible with (disc types)	CD / CD-R / CD-RW / DTS AUDIO / MP3 / HDCD
Analogue output types	RCA Phono
Analogue output impedance	300 Ω +/-5% Unbalanced
Digital output types COAXIAL (electrical) OPTICAL	RCA Phono TOSLINK
Digital output impedance	75 Ω +/-5%
Channel balance	<0.05 dB, 20 Hz - 20 kHz
Channel separation	>+90 dB, 20 Hz - 20 kHz
Dynamic range	97 dB, 22 kHz BW
Frequency response	20 Hz - 20 kHz, +/-0.3 dB
Digital sampling frequency	44.1 kHz
Signal-to-noise ratio	100 dB, 22 kHz BW
Harmonic Distortion (THD+N)	<0.004%, 20 Hz - 20 kHz
Output voltage	2.0 V +/-0.1 V RMS
Minimum recommended load	5 k Ω
Power consumption Standby: Operational:	4 W 17 W
Mains supply voltage (auto-sensing)	90 - 135 Vac, 180 - 265 Vac @50/60 Hz +/-10%
Fuse replacement	T800mA-L
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	520 mm (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	7.4 kg 16.28 lb
Control	<ul style="list-style-type: none"> • Front Panel 6 button keypad interface • Front Panel remote control IR receiver (handset supplied) • RS232 IN / OUT for control via RS232 compatible device (RJ11 connector) • REMOTE IN / OUT for control via Linn KNEKT or relay of commands to/from other Linn devices (RCA Phono connector)

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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