



MI+ Multimedia Explorer

 cambridge audio

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Preface

About this manual

This manual is designed to make using your MI + Multimedia Explorer as easy as possible. It is important that you read it in order to truly understand the powerful functions available. Be patient and your patience will be rewarded!

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Introducing your MI +

Congratulations on the purchase of this MI + Universal Remote Control. The MI + is a digital universal remote control that is easy to use and configure, enabling you to control virtually all your IR equipped electronic devices.

One feature of the MI + is the touch screen control panel, which reduces the number of buttons on the device, making it easy for you to find the function you want. You can control up to eight devices, including a VCR, DVD, amplifier, TV, and LD/VCD.

The MI + is easy to set up. With the “learning eye” you can quickly configure each device in your household or office. In addition, with the macro function, you can initiate a chain of up to 25 commands with the touch of a button.

With the convenient and easy to use MI +, you can control all your devices with one remote control solution. No longer will you have to search for several different remotes!

The MI + does it all!

NOTE

This manual will help you learn how to use all the advanced features of the MI +. It will not explain how to use the functions for your devices! Please refer to your device's user manual for information related to your device.

Unpacking your MI +

After you have unpacked your MI +, check the contents to make sure the following items are included.

- MI +
- This User Manual

If any of the above items are missing or appear damaged, contact your dealer immediately. Do not throw the shipping carton away in case you need to ship your MI +.

MI + features

This section provides an overview of the key features of the MI +. For more information on getting the most from these features, refer to Chapter 2.

- Large touch screen display with automatic backlighting for visibility in dim lighting
- Macro function; each macro can store 25 commands
- Controls up to 8 devices including LD/VCD, TV, Satellite, VCR and CD
- Uses the IR codes from your existing remote controls to quickly set up devices

Identifying Components

Please refer to the following illustrations to identify the components of the MI +. This section provides an overview of the MI +'s features and controls. Refer to Chapter 3 for a detailed description on using the LCD panel and controls

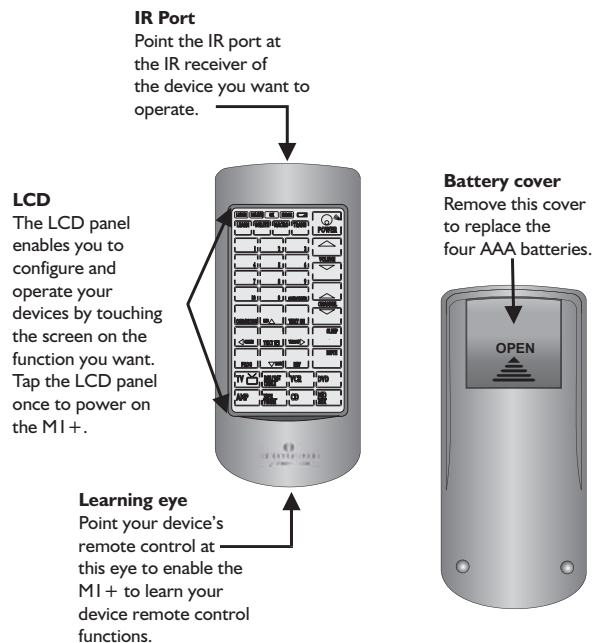


Figure 1-1 Front and Rear Views

Getting Started

Please refer to the following illustrations to identify the components of the MI +. This section provides an overview of the MI +'s features and controls. Refer to Chapter 3 for a detailed description on using the LCD panel and controls

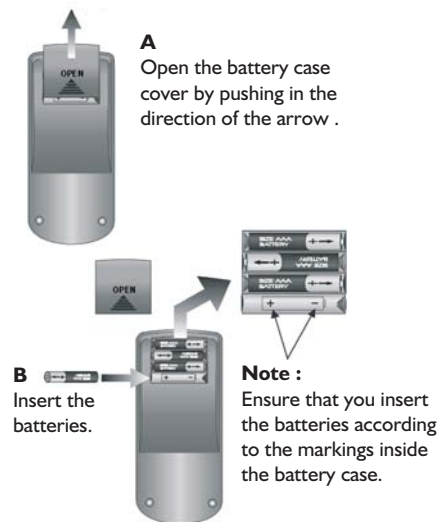


Figure 2-1 Inserting the batteries

Low Battery

When the battery charge is low, the battery low icon will be displayed next to the power button:

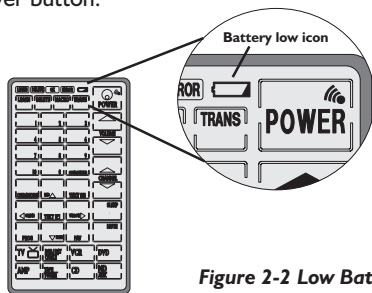


Figure 2-2 Low Battery Icon

Power Supply Tips & Precautions

- Be sure that the positive (+) and negative (-) polarities of each battery match the polarities indicated in the compartment.
- Do not expose the batteries to excessive heat or flame.
- Keep the batteries out of the reach of children.
- When the batteries are weak, it will be increasingly difficult to control devices from a distance.
- Replace the batteries immediately when the battery low power warning icon appears in the information screen.
- Be sure to replace the batteries if they have been used for longer than two years; there might be a danger of leakage.
- Device configuration data will be automatically saved when batteries are being replaced.

The LCD

The LCD (liquid crystal display) touch screen enables you to configure and operate your MI + with the touch of a finger.

Turning the LCD on

To turn the LCD panel on, simply tap the screen with your finger:



Figure 2-3 Turning the LCD on

Touch Screen Precautions

- Please read the following instructions carefully
- Tap the LCD touch screen gently; never use force.
- Do not use a pen or any sharp object to tap the screen. Otherwise, you might damage the surface. You can use a blunt object such as a pencil eraser or the cap of a pen.
- Keep the touch screen dry. Wipe off any spills immediately. The MI + is not waterproof; never immerse it in liquid.
- Don't expose the MI + to extreme temperatures. Keep it away from heat sources.
- Avoid dropping the MI +.
- Don't drop anything on the touch screen. The glass will break!
- Clean the LCD touch screen with a soft cloth. If needed, dampen the cloth slightly before cleaning. Never use abrasives or cleaning solutions.

Touch Screen Buttons

The touch screen buttons enable you to control your devices as you would with your remote control, set up macros, and configure your LCD panel the way you want.

Using the touch screen is easy. Simply press the screen to activate a function. You will hear a beep when you press the button.

NOTE

If you don't hear a beep when you press the screen, you may have deactivated the beep. Press any device button twice to activate the beep function. If you still don't hear a beep, press the button a little more firmly.

The following illustration shows all the functions and their related icons available on the M1+ for your reference.

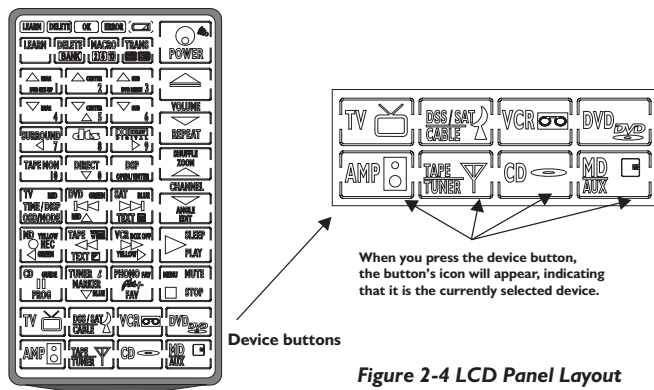


Figure 2-4 LCD Panel Layout

Operating The M1+

This chapter will tell you how to set up the M1+, how to automatically configure devices, and how to use the advanced features such as the macros.

Before you use the learning function

Before you start configuring your remote controls using the learning function, please heed the following precautions:

- Don't configure more than one remote control for each device on the M1+. For example, don't use one TV remote control for some functions under the M1+'s TV device screen, and then use a different TV remote control for other functions. Configure the M1+'s device button using only *one* remote control for all the buttons.
- If you are going to configure a different remote control for an M1+ device button after you have previously configured the device button for a different remote control, first delete all the commands for the device button. Refer to *Using the delete bank function* on page 10.
- When using the learning function, you must press each button within 120 seconds. Otherwise, the M1+ will exit learning mode and return to normal operation mode.

Using The Learning Function

When using the learning function, point your device's remote control at the M1 + 's *learning eye* as shown in the following illustration:

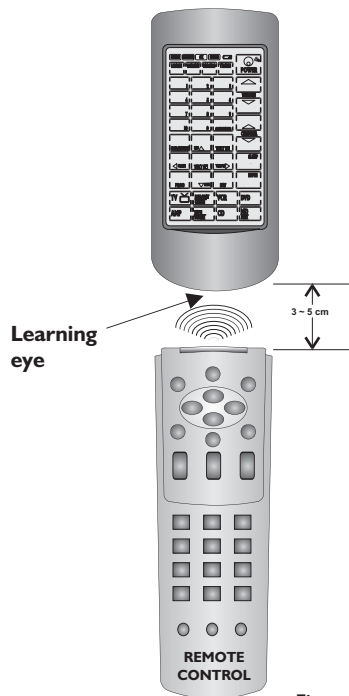
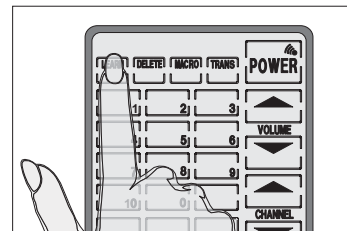


Figure 3-1 Using the Learning Eye

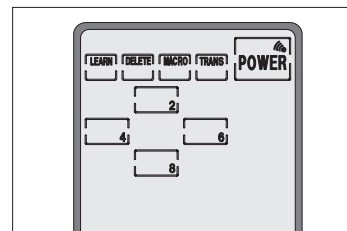
After you have lined up your remote control with the M1 + learning eye, you can use the learning function. Follow these instructions:

Press the learning button for three seconds.

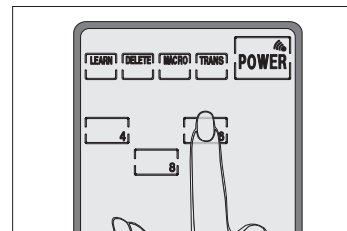


You hear a beep and then you see the setup mode enable screen to the right.

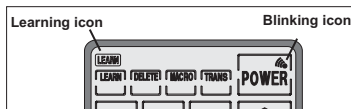
Note: This screen prevents you from accidentally modifying your M1 +.



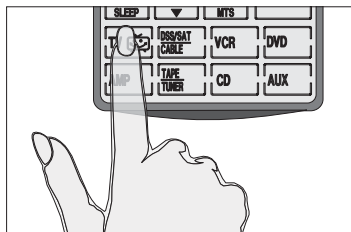
Press each number button until it disappears.



The device screen appears again, with the Learning icon above the learn button. The power button icon is blinking, awaiting a signal from your device's remote control.

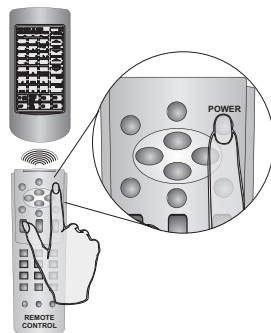


Press the button of the device that you want to program.

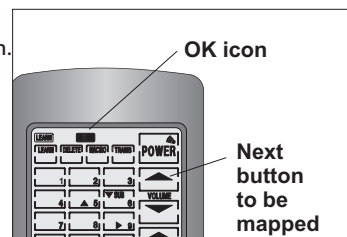


You can now start mapping your device's remote control buttons to the MI + LCD buttons. The power button is the first button to be mapped.

While pointing your device's remote control at the MI + learning eye, press the device's power button.

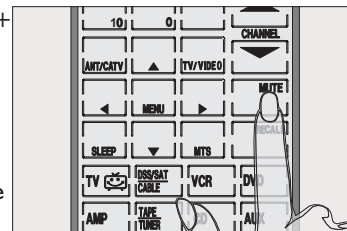


When you hear a beep and see the OK icon, release the button. The next button to be mapped will start blinking.



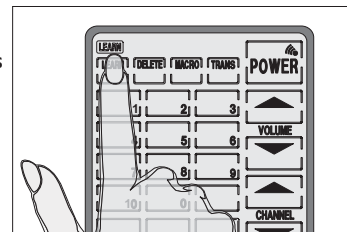
Continue to press the buttons on your device remote control corresponding to the blinking buttons on the MI +.

You can skip to any button by pressing the button on the MI + LCD panel...



... and then pressing the corresponding button on your device remote control. Or, you can press a different device button and configure it with another remote control

When you have finished mapping all the desired buttons from your device remote control to the MI +, press the learn button. You hear three beeps, and the MI + exits the learning function.



Using The Delete Function

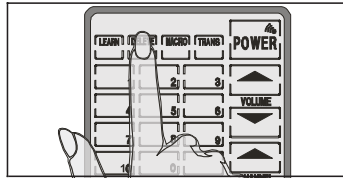
The delete function enables you to:

- Erase the commands for selected buttons for a device
- Erase commands for all buttons for a device
- Erase the commands for all device

Delete device button

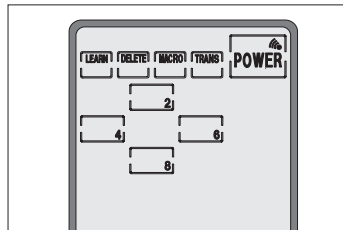
The clear device function enables you to erase the commands for buttons in a particular device. Follow these instructions:

Press the delete button for three seconds.

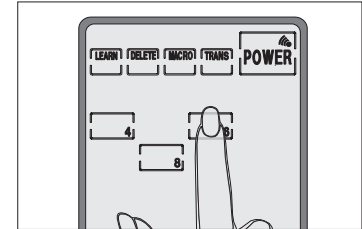


You hear a beep and then you see the setup mode enable screen to the right.

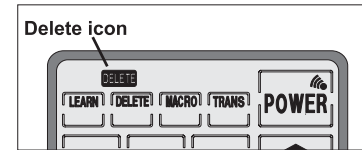
Note: This screen prevents you from accidentally modifying your M1 +.



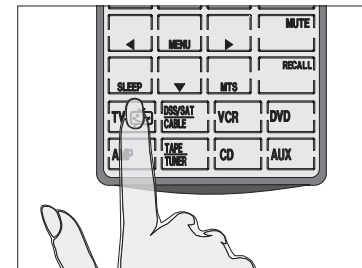
Press each number button until it disappears.



The device screen appears again, with the Delete icon above the delete button.



Press the button of the device that you want to program.

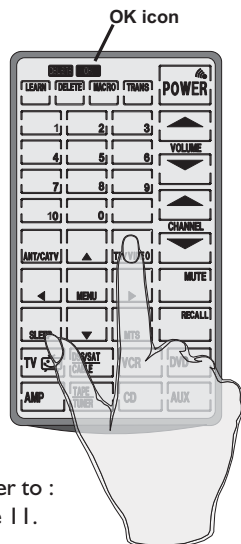


Press the button whose data you want to delete. You hear a beep and see the  on.

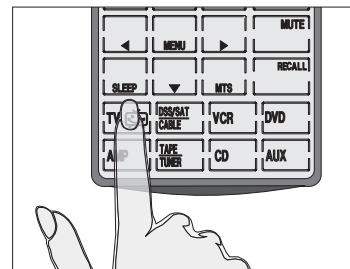
The button's data has been deleted.

Note: Pressing the button only deletes the mapped data; it doesn't remove the button.

To learn how to remove buttons refer to :
Changing the LCD layout on page 11.

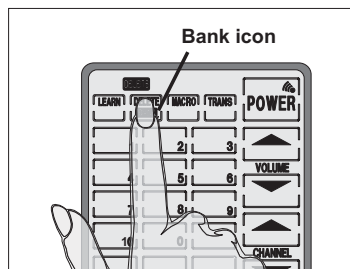


Press the device whose data you want to delete.
You hear two beeps and see the  on. The buttons for this device have had their data erased.

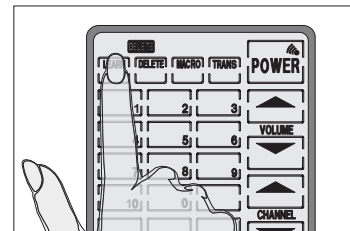


To delete the data for all the devices, press the delete button for three seconds. The display will flash and you will hear six beeps. All data has been erased.

If you want to delete the data for all of a device's buttons, press the delete button while in delete mode. The BANK icon appears under the delete button.



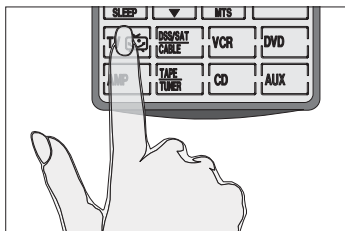
When you have finished making your deletions, press the learn button to exit the delete function and return to normal operation.



Changing the LCD Layout

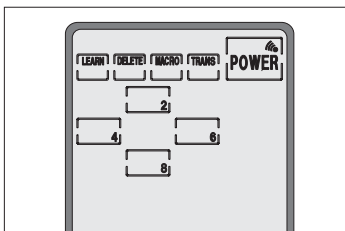
The device edit mode enables you to delete buttons or change the icons on buttons in the device menus. Follow these instructions:

Press the device key whose appearance you wish to change.



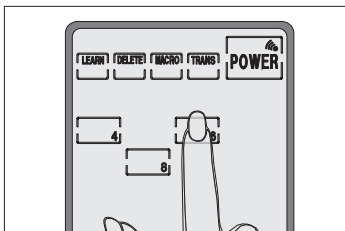
You hear a beep and then you see the setup mode enable screen to the right.

Note: This screen prevents you from accidentally modifying your M1+.

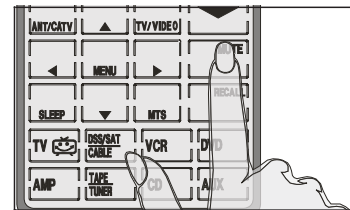


Press each number button until it disappears.

Note: All of the chosen function keys will now flash.



Press the button whose appearance you want to change.



Keep pressing the button to scroll through the options. You can delete the button, or choose one of the available icon layouts.

Note: If you want to map a function from your device remote control to the M1+, but there is no corresponding icon that represents your device function, you can use C to represent the function.

After you have made your changes, press the device button again. You hear three beeps and the M1+ goes back to normal operational mode.

Note: To see all available icons, press the power button while in device edit mode.



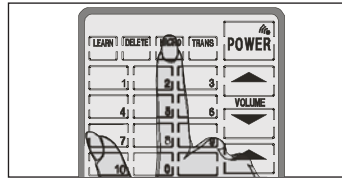
Macro

The macro feature enables you to store up to 25 commands for each macro. When you have created a macro, you will be able to run many commands by pushing only one button.

Macro setup

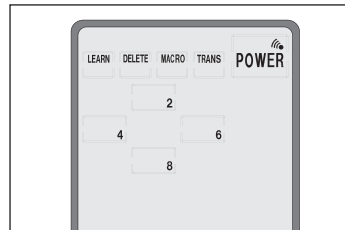
Follow these instructions to set up a macro:

Press the Macro button for three seconds.

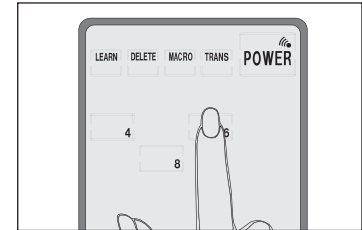


You hear a beep and then you see the setup mode enable screen to the right.

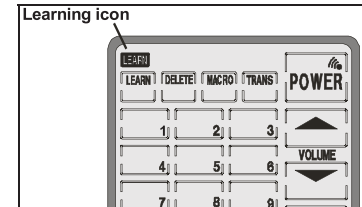
Note: This screen prevents you from accidentally modifying your M1 +.



Press each number button until it disappears.

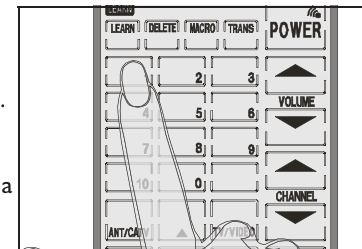


Learning icon



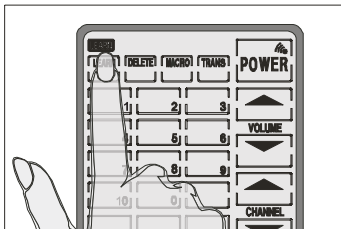
The Learning icon appears above the learn button

First, you will press a button that you can use to run the macro. You can choose a button from any device screen. The original function of the button will be lost. Therefore, you should choose a button that you do not use in normal operation.



Press the learn button to end the macro recording for this macro.

If you want to record another macro, press another macro run key and record the macro. Otherwise, press learn to exit the macro setup.



You can set time a time limit delay between each run command in the event that one is necessary.

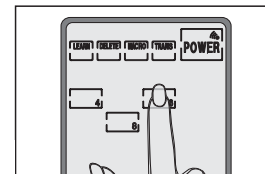
Macro Example

The following example will help you to understand recording a macro

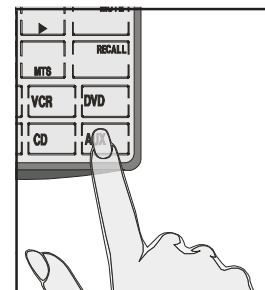
Press the macro button for three seconds to enter Macro Setup mode.



Press each number button until it disappears



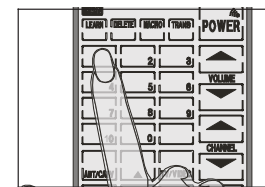
Press the AUX button to open the AUX screen. Then press 1. You will hear three beeps



The 1 button in the AUX screen will be used to start the macro during normal operation mode

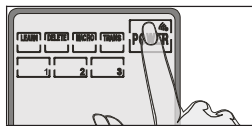
NOTE: Do not use a device button as your macro run button. Using a device button will remove the buttons function from the layout.

Then press the TV button



LCD Backlight

Press the POWER button.
This will power the TV on.



Macro Example

Press the Text button. This command will switch the TV mode to text mode.

You may need to set a time delay eg. between turning your TV on and turning the VCR on. Push the macro button to scroll through the three options: A. two seconds; B. five seconds; and C. ten seconds.

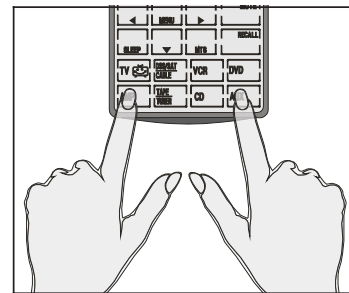
Note: You can set this time delay between any two commands.

- A. 
- B. 
- C. 

You can adjust the LCD backlight so that the backlight stays on after you press the LCD panel. Refer to these instructions:

Press the AMP and the MD/AUX buttons at the same time for 3 seconds to enable/disable the LCD backlight.

When you enable the backlight function, whenever you touch the screen the light will be turned on. The backlight will stay on for 10 seconds after you touch the screen.



Trouble Shooting

Turning off the beep signal

To turn off the beep signal, press any device button twice.

Recalling the original LCD layout

You can reset the LCD panel buttons to their original factory configuration. Any configurations you have made will be lost.

To recall the original LCD layout, press the TV and DVD device buttons at the same time for five seconds:

SPECIFICATION

Model	M1 +
Battery	4 AAA alkaline batteries
Dimensions	180 (L) x 82 (W) x 28 (H) mm
Weight	220g
Power Saving	20 min LCD off after last operation
Battery Consumption	In use: 50mA Standby: 125UA LCD off: 25UA
Display	Touch liquid crystal display
Remote capability	8 remotes x 28 keys
Display types	TV, DSS/SAT/cable, VCR, DVD, AMP, tape/tuner, CD, MD/AUX



Declaration of Conformity.

We declare that under our sole responsibility that this product, to which this declaration relates, is in conformity with the following standards : EN55013, EN55020, EN6055-2 and EN60555-2.

Cambridge Audio policy is one of continuous improvement. Design and specifications are therefore subject to change without prior notice.

Problem

You cannot operate the device.

Cannot operate a device even after “learning” function.

“Error” display during learning.

Error displays during operation.

The LCD screen shows nothing.

Solution

Go closer to the device. The maximum operating distance is approximately 10m.

Check that you are aiming the M1 + directly at the device, and that there are no obstructions between the M1 + and the device.

Try a fresh set of alkaline batteries
Make sure you have learned the correct Device Select button. Make sure the desired device icon is displayed.

Make sure that the M1 + has learned the correct signals. If not, try the learning procedure again.

Clear Device’s data before learning, the carry out learning operations.
Try the learning procedure again.

The button that you pressed is not programmed

This M1 + is preset at the factory to switch the LCD off automatically after 20 minutes if left unused. Just tap screen to turn on LCD .

For the latest information on Cambridge Audio products; including downloads of this and other manuals visit us at
www.cambridge-audio.com