

# BUSH

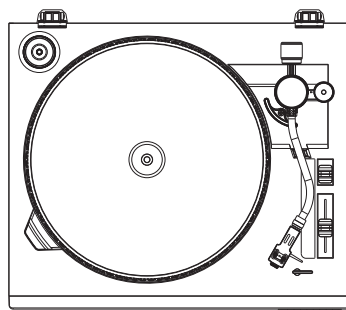
## Instruction Manual

CTT939



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Product Code

CTT939



## Safety information

**Important – Please read these instructions fully before using**

**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE ANY COVER. NO USER-SERVICEABLE PARTS INSIDE, REFER ANY SERVICING TO QUALIFIED SERVICE PERSONNEL.**

- Please read this owner's guide
- Please take the time to follow the instructions in this owner's guide carefully. It will help you set up and operate your system properly and enjoy all of its advanced features.
- Please save this owner's guide for future reference.
- The product label is located on the back of the product.
- Heed all warnings - on the product and in the owner's guide.
- Do not use this apparatus near water or moisture.
- Do not use this product near a bathtub, washbowl, kitchen sink, and laundry tub, in a wet basement, near a swimming pool, or anywhere else that water or moisture is present.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time - to prevent damage to this product.
- Refer all servicing to qualified service personnel
- Servicing is required when the apparatus has been damaged in any way: such as 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 -
- Do not attempt to service this product yourself.
- Opening or removing covers may expose you to dangerous voltages or other hazards.
- To prevent risk of fire or electric shock, avoid overloading wall outlets, extension cords, or integral convenience receptacles.
- Use suitable power sources - Plug the product into a suitable power source, as described in the operating instructions or as marked on the product.

The mains plug is used as the disconnect device, the disconnect device shall remain readily accessible.



### CAUTION

**RISK OF ELECTRIC SHOCK!  
DO NOT OPEN!**



This symbol means that this unit is double insulated. An earth connection is not required.



This product complies with European low voltage (2006/95/EC) and electromagnetic compatibility (2004/108/EC) directives.

## Disposal information



### WEEE marking "Information for the consumer"

**Disposal of your old product** Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. When this crossed out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.

Please make yourself aware of the local collection system for electrical and electronic products. Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

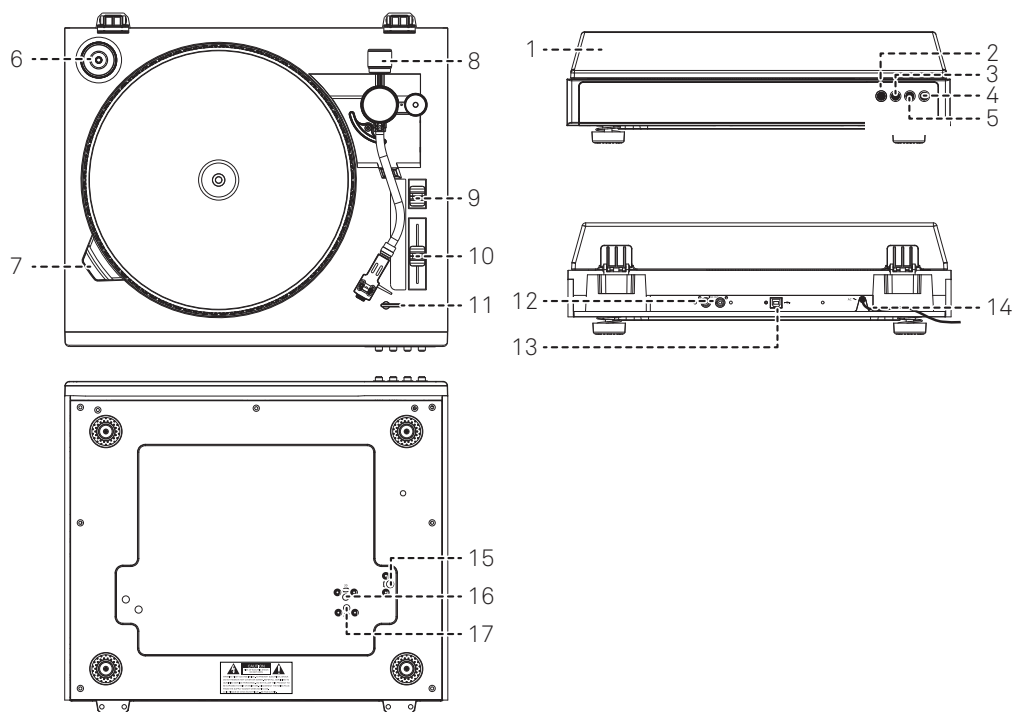
## Functions & controls

Please familiarize yourself with the parts and accessories listed below

### Accessories included

- 1 x CTT939
- 1 x Counter weight
- 1 x Instruction manual
- 1 x USB cable

### Overview of controls



- 1:** Dust cover
- 2:** PLAY button
- 3:** EJECT button
- 4:** ON/OFF power button
- 5:** CUE LEVER UP/DOWN button
- 6:** SPINDLE adaptor

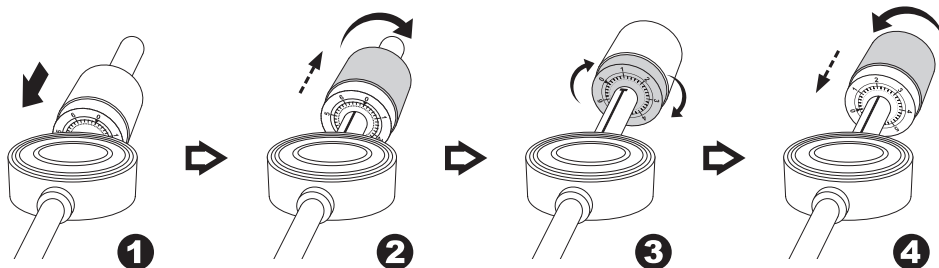
- 7:** STROBE illuminator
- 8:** COUNTER WEIGHT
- 9:** SPEED SELECTOR
- 10:** PITCH adjustment
- 11:** RECORD SIZE adjustment
- 12:** RCA LINE LEVEL output sockets

- 13:** USB output socket
- 14:** MAINS cable
- 15:** AUTO STOP alignment screw
- 16:** 30CM (12") alignment screw
- 17:** 17CM (7") alignment screw

## Installation

### Preparation for use

#### Installing the counter weight



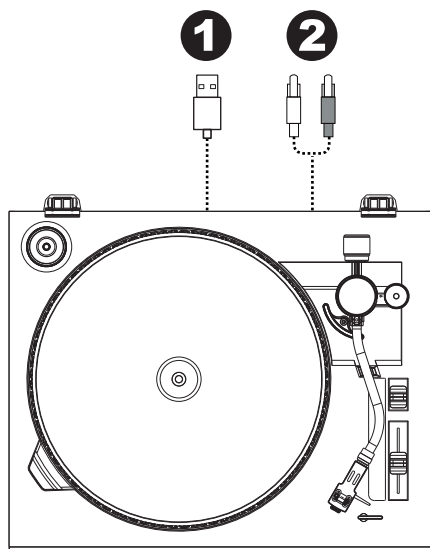
The counterweight is used to balance the head shell and cartridge assembly so that the proper amount of pressure is applied to the record from the stylus.

- 1: Slide the counter weight (8) completely onto the rear of the tone arm until it reaches the end. Rotate clockwise until you feel a slight click.
- 2: Rotate the entire counterweight clockwise and backwards until you can see the white line.

- 3: Rotate clockwise only the black section of the counterweight until the line matches position 1.
- 4: Now rotate the entire counterweight anti-clockwise and inwards until you reach the recommended pressure.

**NOTE:** The recommended pressure of the supplied stylus is 4-6 grams. If you purchase a replacement stylus please take note of the recommended pressure and set accordingly.

### Connections



#### 1: USB OUTPUT (cable supplied)

Connect this cable to a USB input on a PC or MAC computer, to transfer vinyl records to digital files.

#### 2: RCA LINE LEVEL OUTPUT (cable not supplied)

These cables should be connected to an audio input on your home stereo system. Do not connect these to a PHONO input as the output level will be too high and could damage your stereo system.

**NOTE:** It is still possible to copy records to a PC using a USB cable when connected to a home stereo system using an RCA cable.

## User instructions

### Further adjustments

- 1: Raise the stylus protector towards the front of the cartridge.
- 2: Remove the cable tie securing the tone arm and keep safe for use when transporting or adjusting the turntable.
- 3: Set the speed selector (9) to the required speed **33**, **78** or **45 rpm**.
- 4: Select the size of the record you wish to play using the **SIZE SELECT** control (11). Choose from **17cm (7")** or **30 cm (12")**.

### Mains connection

- 1: Connect the mains plug to a wall outlet.
- 2: Press the **ON/OFF** power button (4) to power the turntable on. The strobe illuminator (7) will light up to indicate the unit is **ON**.

NOTE: Please ensure this connection is made after the output connections.

NOTE: This unit is designed to enter **STANDBY** mode automatically after 20 MINUTES (approximately) of inactivity.

Press the **POWER** button twice to resume use.

### Buttons and functions

#### Play button

- 1: Press to begin playback. The tone arm will lift from the rest and locate itself on the outer edge of the record.

NOTE: it is important to set the size of the record correctly using the **SIZE SELECT** control (11) first to ensure the stylus is located in the correct position.

#### Eject button

- 1: Press to stop playback and return the tone arm back to the rest position.

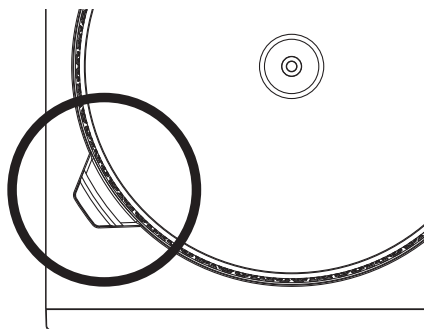
### Cue button

- 1: Pressing this button inwards lifts the tone arm above the rest position so the tone arm can be located anywhere above the record.
- 2: Pressing the button once more lowers the tone arm allowing the stylus to gently contact the record and begin playback from the custom location.

### Pitch adjust

Follow the below steps to ensure the platter speed is revolving at the correct speed.

- 1: During playback of a record observe the strobe calibration dots on the platter.



- 2: The upper set of dots relate to the **33rpm** setting the mid set of dots relate to the **45rpm** setting and the lower set relate to the **78rpm** setting.
- 3: If the strobe dots appear to be flowing to the right, the platter is moving slower than the rated speed and you should increase the pitch adjust (10) (**slide the knob upwards**).
- 4: If the strobe dots appear to be flowing to the left, the platter is moving faster than the rated speed and you should decrease the pitch adjust (10) (**slide the knob downwards**).
- 5: Keep adjusting the pitch adjust until the strobe dots do not flow left or right and stay stationary.

## User instructions

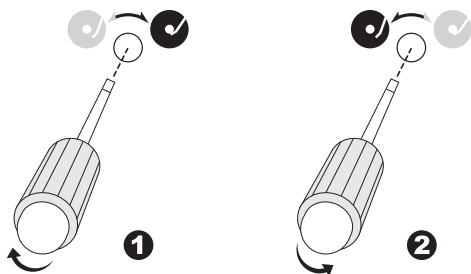
### Stop / start alignment

In order to ensure the automatic stop / start functions operate efficiently for your own record collection some adjustments may be required. Follow the below steps to fine tune.

**NOTE:** Before making any adjustments please remove any records from the platter and secure the tone arm with the supplied cable tie.

### Auto stop alignment

If the tone arm does not lift and return to the rest position in time or returns too soon (before the record is finished) follow the instructions below.



#### THE TONE ARM RETURNS BEFORE THE RECORD IS FINISHED

**1:** Using a small flat head screw driver turn the **AUTO STOP** alignment screw (16) clockwise. the stopping position of the tone arm will move closer to the centre of the record.

#### THE TONE ARM WONT RETURN TO THE REST POSITION.

**1:** Using a small flat head screw driver turn the **AUTO STOP** alignment screw (16) anti-clockwise. the stopping position of the tone arm will move further away from the centre of the record.

**NOTE:** Take note of the engraved diagrams to ensure you are turning the screws the correct direction.

The stop position can vary on some vinyl so may need adjustment from time to time, find an acceptable position or manually press the **EJECT** button (3).

### Start position alignment

If the tone arm does not align with the start position correctly follow the below steps to fine tune.

**1:** Using a small cross head screw driver adjust each alignment screw according to the size of record.

**NOTE:** Please refer to the engraved diagrams next to each adjustment screw for the adjustment directions.

**CLOCKWISE = TOWARDS CENTRE**



**ANTI-CLOCKWISE = TOWARDS OUTER**

Remember to set the **SIZE SELECT** adjuster to the correct size when testing alignment.

### Transferring to a computer

#### Preparation for connection to a computer

Before getting started please download and install the recommended software package 'Audacity'. The application is available for the Windows or macintosh platform. At the time of writing this manual version 2.1.1 is the latest version as such all instructions will be written for this version.

<http://audacityteam.org>

Should you wish to encode your recordings to the MP3 format a separate plug in called 'Lame MP3 encoder' will also need to be downloaded and installed.

<http://lame.buanzo.org/#lamewindl>

#### Connecting to a computer

- 1:** Power **ON** your computer.
- 2:** Connect the supplied **USB** cable to the **USB** input (13) on the rear of the turntable.

**NOTE:** Only the square shaped plug end of the cable will fit the socket.

- 3:** Connect the other end of the cable to a **USB** input socket on your computer.
- 4:** Once detected a device driver will be automatically installed to allow your computer to recognise the turntable as a **USB** device.

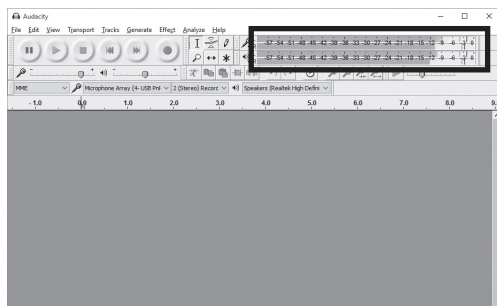
# User instructions

## Setting up the device on a computer

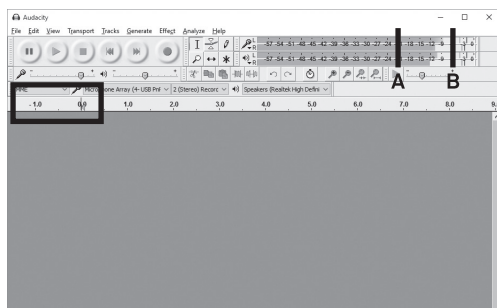
- 1: Run the **AUDACITY** program you installed earlier.
- 2: Under the **EDIT** menu select **PREFERENCES**.
- 3: Choose the **DEVICES** tab (if not selected already) and in the recording device section drop down menu select the **USB** device.
- 4: Ensure the recording channel drop down menu is set to **'2 (stereo)'**.
- 5: If the turntable is connected to a home stereo system for playback purposes you can proceed to the next section, if not select the **RECORDING** tab and tick the **'SOFTWARE PLAYTHROUGH'** option. This will allow the playback sound to be channelled through your **PC** speakers.

## Setting the recording levels

- 1: Begin playback of the record you wish to record so input levels can be adjusted.
- 2: Within Audacity click anywhere on the recording level bars to begin monitoring playback.

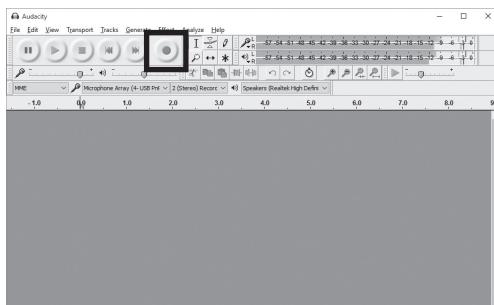


- 3: The input level is controlled by the **RECORDING LEVEL** slide control within Audacity. The optimum recording level should be between the markers A & B.

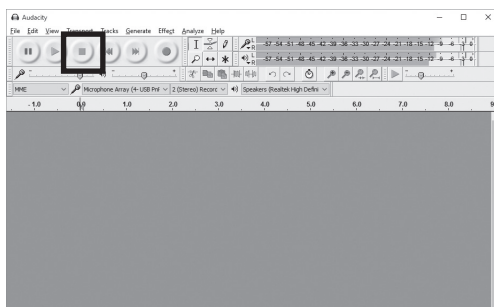


## Recording

- 1: To begin recording make sure the tone arm is in the rest position and press the **PLAY** button (2).
- 2: As the tone arm begins to lower to the record press the **RED RECORD** button in Audacity to begin recording.



- 3: When the record or track has finished press the **BEIGE STOP** button.



- 4: At this point you can now save the file. Under the **FILE** menu select **EXPORT AUDIO**.
- 5: Add a filename and select the location you wish to save the file in.
- 6: Under the **'Save as type'** drop down menu select a format to save as. The **WAV 16 BIT** format will allow you to burn a **CD AUDIO DISC** with the files if you have a **CD burner** installed in your computer. The **MP3** format will allow you to use with an **MP3** player. Press the **OPTIONS** button to set the quality of the encoded **MP3** file.

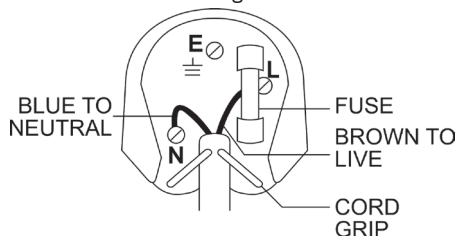
In order to save files as MP3's you will need to install the **LAME MP3 ENCODER** plug in described on page 6.

- 7: Press the **SAVE** button to save the recorded file. Under the **FILE** menu select **CLOSE**.



## UK Mains plug information

For your convenience a mains plug with a fuse (3 Amp) has been fitted to this appliance. For your safety please observe the following information.



- The unit is designed to operate on AC mains supply 230 volts, 50 Hz.
- The wires in the mains lead are coloured in accordance with the following code:
  - BLUE - NEUTRAL
  - BROWN - LIVE

Under no circumstances should the Neutral or Live wires be connected to the 'E' (Earth) terminal.

## Technical specifications

Supply Voltage, Mains: ..... 230-240V~50Hz  
Max. Power Consumption:..... 6W  
Unit dimensions:..... (W) 428 x (D) 377 x (H) 122 mm

## Care & maintenance

### Care and cleaning

- All care and cleaning operations should be carried out with the unit unplugged from the mains power.
- Occasionally wipe the cabinet with a lint free duster. Never clean the unit with liquids or solvents.

## User instructions

### Troubleshooting

In the unlikely event of difficulties with your appliance please follow the trouble shooting guide below. If the problem persists, visit the technical support website: [www.argos-support.co.uk](http://www.argos-support.co.uk)

Problem	Reason(s)	Solution(s)
<b>No power</b>	<ul style="list-style-type: none"><li>• Power cable not connected to wall socket</li><li>• Power socket is not switched on</li><li>• The power saving mode is activated.</li></ul>	<ul style="list-style-type: none"><li>• Make sure the plug is connected</li><li>• Switch the power on</li><li>• See 'Mains connection' page 5 for details.</li></ul>
<b>No sound when connected to a home stereo system</b>	<ul style="list-style-type: none"><li>• Volume is too low</li><li>• The RCA cables are not connected correctly.</li><li>• The stereo system is not set to the correct input mode.</li></ul>	<ul style="list-style-type: none"><li>• Increase the volume</li><li>• Check the connections.</li><li>• Check which input you connected the RCA cables to and switch to that input mode on your stereo system.</li></ul>
<b>No sound when connected to a computer</b>	<ul style="list-style-type: none"><li>• The device was not recognised when connected.</li><li>• The software playthrough option was not ticked.</li><li>• The recording level bar was not clicked.</li></ul>	<ul style="list-style-type: none"><li>• Re-boot the computer and try again.</li><li>• See page 7 'Setting up the device on a computer section 5' for details.</li><li>• See page 7 'Setting the recording levels section 2' for details.</li></ul>
<b>The start or stop position is not accurate</b>	<ul style="list-style-type: none"><li>• The tone arm alignment is not set correctly.</li></ul>	<ul style="list-style-type: none"><li>• See page 6 for instructions on alignment.</li></ul>
<b>Recordings made through a computer are distorted</b>	<ul style="list-style-type: none"><li>• The input levels are too high</li></ul>	<ul style="list-style-type: none"><li>• Adjust the input levels. See page 7 'Setting the recording levels.'</li></ul>
<b>The stylus is skating across the record</b>	<ul style="list-style-type: none"><li>• The counter weight is not set correctly.</li></ul>	<ul style="list-style-type: none"><li>• Adjust the counterweight. See page 4 'Installing the counter weight.'</li></ul>
<b>The record is playing too fast or too slow.</b>	<ul style="list-style-type: none"><li>• The pitch adjustment needs fine tuning.</li></ul>	<ul style="list-style-type: none"><li>• Increase or decrease the pitch adjust control. See page 5 'Pitch adjust'.</li></ul>

# Guarantee



## PRODUCT GUARANTEE

This product is guaranteed against manufacturing defects for a period of



Year

This product is guaranteed for twelve months from the date of original purchase.

Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purpose.
- The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to, and does not diminish your statutory or legal rights.

Guarantor: Argos Limited  
489 - 499 Avebury Boulevard  
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MK9 2NW