



Period Telephone

Manual

V2.1

Contents

Safety Guide	3
Your new Period Telephone	4
Setting Up	5
Overview.....	5
Programming Content	6
Using PIR.....	8
Utilising a 12V PIR.....	8
Status LED.....	9
Technical Information.....	10

Safety Guide

Please observe the following when installing this device.

Warning

- This product is not designed to be resistant to moisture or excessive dirt/dust. When deciding on a suitable installation point ensure there is reasonable protection from environmental damage.
- If you require this unit to be installed outdoors or in a dusty or damp environment use a certified IP rated enclosure and seal any entry/exit holes of wiring etc. If the unit needs to be periodically updated, you will need to select an enclosure with an easy to remove lid and gasket seal. This product should not exceed its operating temperature
- If there is damage to the power supply in any way, arrange for a replacement unit by contacting blackbox-av. They may require you to send the defective power unit back so in this case do not dispose of the power supply unless prompted to do so. If you wish to source your own power supply a CE or FC certified double insulated and regulated supply is required. The Control Box has an output rating of 12vDC at 2A, 24W. Using a power supply with a higher voltage will irreparably damage the unit.
- Do not place the unit in direct sunlight for prolonged periods as this may cause the product to overheat.



- Disposal of old electrical equipment please follow the guidelines associated with your country/territory or ship the unit back to blackbox-av and we will dispose/recycle the unit. The symbol on the left indicates that this product shall not be treated as household waste. Instead it shall be handed to applicable collection point for the recycling of electronic equipment. If you dispose of this unit correctly you will be helping prevent future harm to the environment which is caused by poor waste management of this type of equipment.

Precautions of Use

- Whilst the unit is connected to a mains outlet, the power will be switched on providing energy to operate the device. If the unit is not being used for long periods of time it is recommended to turn off the power as it will prolong the life of its electronic circuitry.
- Do not operate the unit below -10°C or above 5 °C. Do not bring the unit from a very cold environment to a warm environment without allowing it time to acclimatise as condensation may affect its operation.
- When using different types of PIR's and other connections make sure they are compatible with the device. Failure to use care with these connections may result in damaging the device and subsequently affect the blackbox-av warranty.

Your new Period Telephone

In the box

1. Period Telephone Unit
2. Control Box
3. Micro SD Card
4. Phone to Control Box Connector
5. 12V Power Adapter
6. AC Plug (dependant on your country)



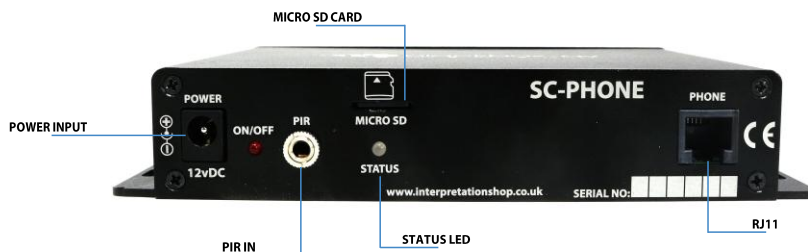
Period Telephone

The Period Telephone allows you to turn any compatible Telephone into a soundstore. Users are welcomed by a customisable 'pickup' message and can choose a new message via the dial (choose between 1-97).

Operation

The Telephone is built with 2 different modes depending on how many audio files you have (find more on page 7-8).

Setting Up



Overview

Power Input

Connect your supplied 12V DC adapter to the '12vDC' input to give power to the device. Once turned on, the 'ON/OFF' LED will light up.

PIR Input

If you wish to use a PIR, simply connect a 5v 3.5mm compatible PIR Jack (not supplied).

Status LED

The LED indicates the player state. More info on Page 10.

RJ11

To connect the telephone to the Control Box, you must first plug the telephone cable to the appropriate end of the Control Box Connector. Then insert to the other end of the Control Box.

Micro SD Card

Place content onto the supplied Micro SD Card and insert into the Control Box via the slot. Find out more information about programming content on page 7-8.

Programming Content

Content for your Period Telephone is stored on a MicroSD card (supplied pre-programmed). We suggest you use this as a template for uploading your own content.

Should you need to use a different MicroSD Card we suggest you format the new card first to 'FAT' or 'FAT32'

To program your content, you will need;

1. A PC or laptop with Windows OS
2. Audio Content in .mp3 format (supports up to 97 files)
3. MicroSD Card (supplied)
4. MicroSD to USB convertor (supplied)

1. Windows OS

Windows OS is required to program your Control Box / Period Telephone using a PC or Laptop (Xp – 10).

MacOS is not supported due to hidden files generated by the OS.

2. Play Mode

When programming your MicroSD Card the amount of files you add will determine the mode of operation for your telephone.

Mode 1:

- Between 1-10 Messages
- 1 Pickup Message (Message 11)
- 1 Dial Tone (Message 12)

Mode 2:

- Between 11-97 Messages
- 1 Pickup Message (Message 98)
- 1 Dial Tone (Message 99)

To play a message, users will simply need to dial the numbers between 01-97 (mode dependant).

Audio Messages – Your files must be in .mp3 format at 128kb.

Pickup Message – This is the track played once the phone is picked up after ringing (via timed trigger or PIR activation).

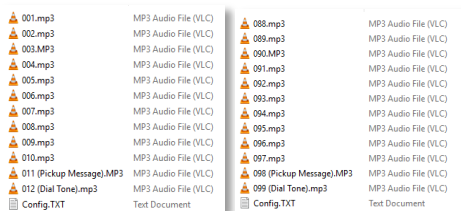
Dial Tone – This is the track played once the phone is picked up prior to ringing.

3. Add Content

Before dragging your content onto the MicroSD Card, they must be named correctly (001,002....097).

Your Pickup & Dial Tone messages will always be the last audio files on your MicroSD Card.

Below demonstrates an example of how your content may look:



Once you have your audio files ready and correctly named, you need to set up your config.txt file. This is supplied on the MicroSD Card when dispatched.

4. Config File

The config.txt file allows you to make changes to how your audio will play to users. The Period Telephone supports the following settings;

Volume - Set your audio volume

Ring Type – Choose ring type (currently only 1 option)

Number of Rings – How many times the phone will ring when triggered

Delay – Sets a delay between rings / PIR activation

These settings must be input as;

<vol=15> - Choose from a range of 01-31

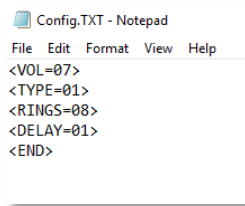
<type=01> - Sets the ring type

<rings=05> - Choose from a range of 01-09 (rings once – nine times)

<Delay=10> - Minute intervals choose between 00-59

<End> - Config file must finish with this

Below displays an example of how the config.txt could look;



```
File Edit Format View Help
<VOL=07>
<TYPE=01>
<RINGS=08>
<DELAY=01>
<END>
```

Note: If you do not want the phone to ring automatically simply set the Delay to '00'. The phone will not play the 'pickup' message with this setting. However, the Dial Tone message can be used as an audio message if desired.

Using PIR

Note: PIR is not supplied as standard.

Your Period Telephone is designed to allow for activation via PIR sensor (sold separately). When connected via the PIR input on the Control Box, the phone will be activated upon sensing movement.

When in PIR mode the 'Delay' setting will no longer cause the phone to ring automatically every set period of time, but will instead determine how often the PIR will trigger the phone.

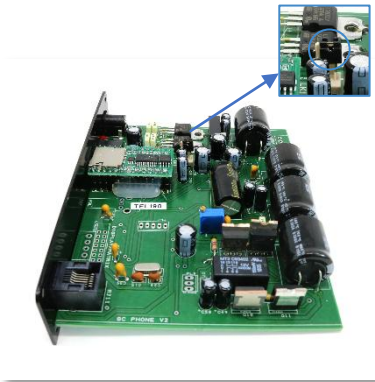
For example, if the time is set to 1 minute the PIR will have to wait 1 minute after the phone is triggered in order to trigger it again.

Note: When device is first powered up the PIR takes 30 seconds to settle before it becomes active.

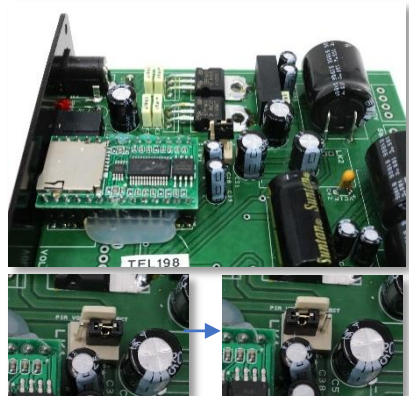
Utilising a 12V PIR

As standard the Period Telephone Control Box will power a 5V PIR, however this can be changed to 12V. The changeover can be made by moving a jumper located on the board. To access the board, you must unscrew the rear plate and the board can slide out. The jumper is located near the PIR input. Please refer to the steps below;

1. First locate the jumper



2. Move the jumper from its original position on the right (5V) to the 12V position on the left.



Status LED

On the rear of the device is a Status LED, each colour indicates the following;

Green

LED will briefly flash green once the MicroSD Card has been successfully read.

Fast Green/Orange

If there's an issue with your MicroSD Card, content or config.txt file the LED will fast blink between green & orange.

Steady Pulse Orange

When in delay mode the LED will steadily pulse orange, this indicates it is counting down until activation.

Off

If the Control Box is on but the LED is off, this indicates either delay is set to 00 (and is therefore off, so the phone is not set to ring) or in conjunction with PIR this means the set delay is over and it is ready to be triggered again.

Technical Information

Weight	Approx. 3Kg
Control Box Weight	0.35Kg
Control Box Dimensions	110 x 155 x 28mm
Message Storage Medium	MicroSD Card (128MB of Storage)
Maximum Number of Audio Files	99 Files (mode dependant)
Message Encoding Format	.MP3 at 128kb
PSU	Supply: 220-240V 50Hz Output: 12V 1A
PIR	5V open connector
Phone Connector	Standard BT Plug

