

Period Telephone

user manual v1



contents

1. WHAT IS THE PERIOD TELEPHONE?.....	1
2. OPERATION.....	1
3. IN THE BOX.....	1
4. SETUP INSTRUCTIONS.....	1
5. PROGRAMMING.....	2
5.1 ADDING CONTENT.....	2
5.2 CHOOSE SETTINGS.....	4
6. USING PIR	4
7. STATUS LED.....	5
8. SPECIFICATIONS.....	5

WELCOME

Thank you for purchasing the [PeriodTelephone \(PT\)](#).

The PT is one of a range of products we offer specific to the heritage marketplace. We are confident that we have other products you will find useful and look forward to dealing with you again soon.

T: +44 (0) 1639 767007

W: www.blackboxav.co.uk

1.WHAT IS THE PERIOD TELEPHONE?

The PeriodTelephone (PT) allows you to turn any compatible Telephone into a soundstore. Users can then hear a number of messages by dialing numbers 1-97 as well as hear a 'pickup' message when the phone is answered.

It consists of two parts;

- 1) The control box
- 2) The period telephone

Note that the period telephone can be any compatible model, we are able to supply a range of phones from different eras (included in price).

2.OPERATION

Users simply dial a number to hear a message... the number mode changes depending upon how many messages your telephone contains. The phone can be set to ring at a multiple of 1 minute intervals, a PIR can be attached for movement activation (the ring can also be disabled).

The dial tone can be customised with an audio file as can the 'pickup' message.

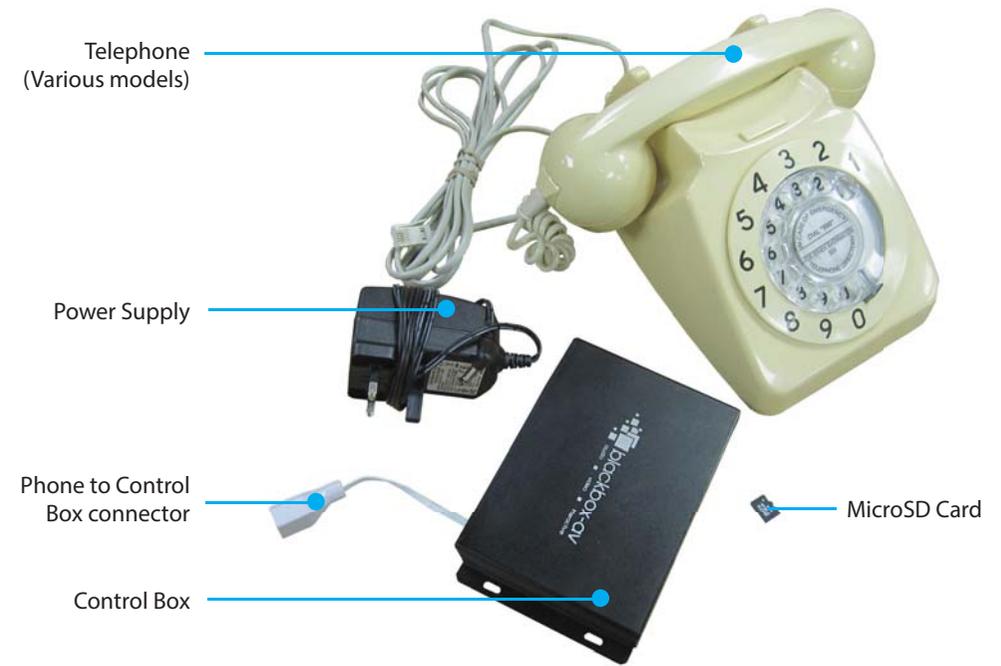
Mode One: 1-10 messages

Users dial numbers 1 - 0 (0 = 10th message) to hear audio.

Mode Two: 1 - 97 messages

Users dial 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12 etc to hear audio.

3.IN THE BOX



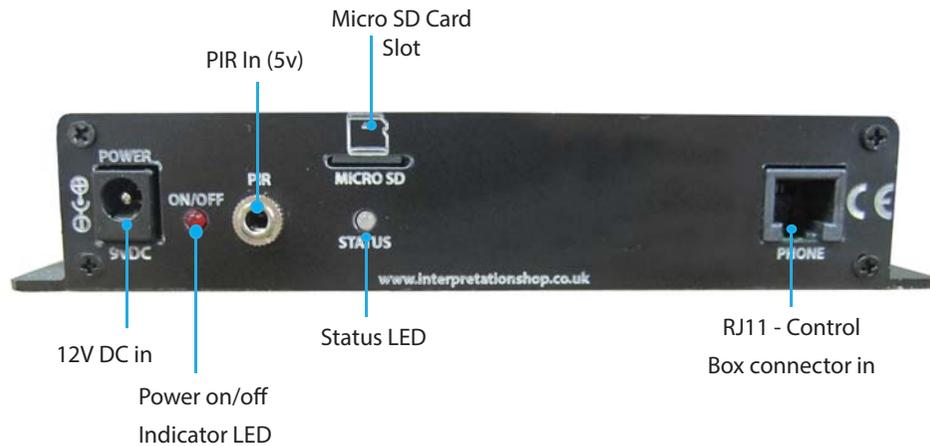
4.SETUP INSTRUCTIONS

Connecting your PT is simple and straight forward. You will need the following:

- 1) The Period Telephone
- 2) The Control Box
- 3) The Phone to Control Box connector
- 4) 12V DC Power Adapter
- 5) MicroSD Card with content and config.txt file

(See 5.PROGRAMMING section for details on how to add content and program the PT)

REAR VIEW



1. Powering Your PeriodTelephone

Connect the supplied 12V DC Adapter to the '12V DC in' to give power to the device.

2. Connecting Your Telephone to the Control Box

Using the supplied 'Control Box connector' plug the BT Type 4 way line to the appropriate end and insert the other to the control box as shown;



3. Insert Content

Insert the MicroSD Card with content loaded. View 5.PROGRAMMING for more information on how to add content and program your card.

4. Connecting PIR

If you wish to make your PeriodTelephone PIR activated you will need to connect a 5v 3.5mm compatible PIR Jack (not included).

5.PROGRAMMING

Programming the PeriodTelephone is a two stage process;

- 1) Add content to the MicroSD Card
- 2) Choose settings via .txt mode file (this must be on the MicroSD Card)

5.1 ADDING CONTENT

The Period Telephone plays files from a MicroSD card that is slotted into the Control Box, as pictured on page 1.

Note: The phone plays .mp3 files, we recommend a bitrate of 128kb

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

Mode 1 = 10 messages or less: Users dial numbers 1 - 0 to hear audio (0 = 10th)

Mode 2 = 11-97 messages: Users dial 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11 etc.

This does not include the two customised audio files for;

Pickup Message: This is the audio clip played once the phone is picked up after it rings (via timed trigger or PIR activation).

Dial Tone: This is the audio clip played once the phone is picked up before it rings, this can be any audio clip you wish from a replica dial tone to a audio message.

To program the phone you will need;

1. MicroSD Card (included)
2. Computer with Windows Os (can not be programmed via Mac)
3. Your audio files in .mp3 format @ 128kb

Prepare Files

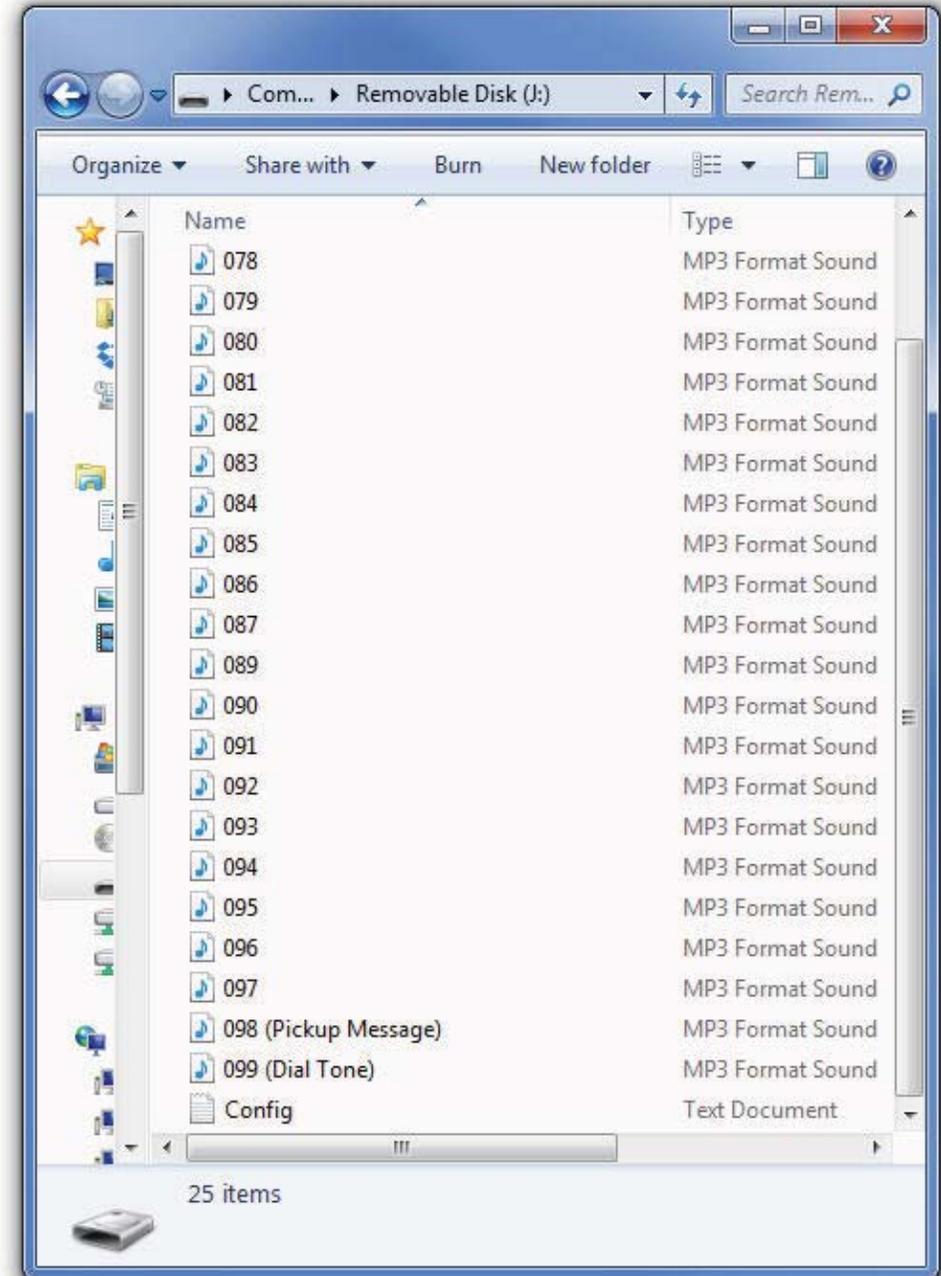
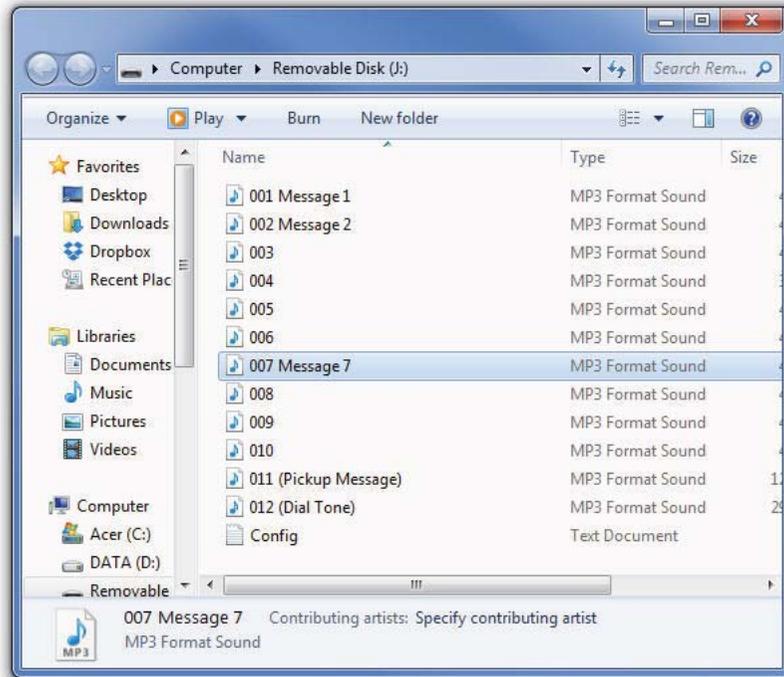
Prepare your audio files for transfer. All files must be named with 3 digits in numeric order to coincide with the number of their activation. For example;

File name	Activation # Mode 1	Activation # Mode 2
001	1	01
002	2	02
003	3	03
004	4	04
005	5	05
006	6	06
007	7	07
008	8	08
009	9	09
010	0	10
011	now in mode 2	11
012	now in mode 2	12

Files must have the initial 3 digits as above, however can subsequently be named anything.

The final two audio files in the list are used as the Pickup message and Dial tone (in that order). Therefore phones with 10 messages will have a MicroSD card with 12 messages on, but still operate in Mode 1;

Cards with more than 10 messages (not including the pickup and dial tone) will operate in Mode 2 (dial 01, 02, 03 etc.). The maximum number of messages is 97, with the pickup message and dial tone making the total 99.



Add files to MicroSD Card

Files can be copied onto the MicroSD card in bulk, the order in which they are transferred does not matter, only their name. The last two files will always be set as the Pickup Message and Dial tone no matter how many audio files precede them.

For example if you have 6 audio files, message 007 and 008 will be Pickup and Dial tone.

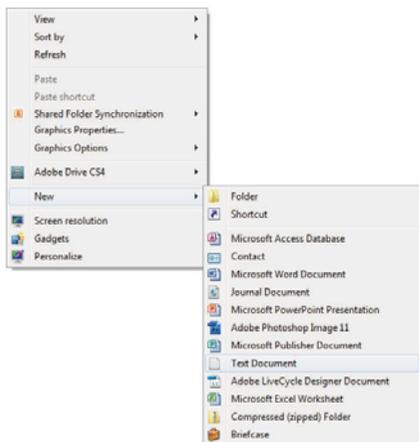
5.2 CHOOSE SETTINGS VIA CONFIG FILE

Settings for the Period Telephone are edited via a .txt config file. Settings include;

- Volume - Set message volume
- Ring Type - Choose ring type (currently only 1 option)
- Number of Rings - How many times phone rings when triggered
- Delay - Delay between rings / PIR activation

These settings must be input as;

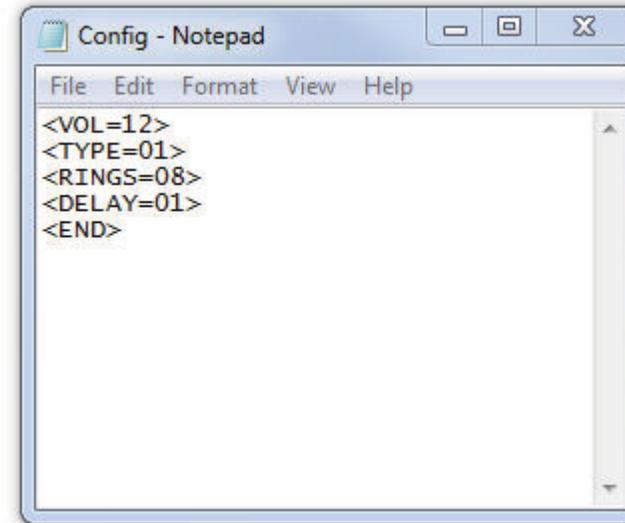
- <vol=15> - Choose from a range of 01-31
- <type=01> - Currently only 1 setting - Ringtype 1940's 'brrrrr brrrrr'
- <rings=05> - Choose from range of 01 - 09 (rings once - nine times)
- <Delay=10> - Minute intervals choose between 00 - 59
- <End> - Config file must be completed with this



To create a .txt file simply right click on windows desktop and select New > Text Document.

Name the .txt file 'config' and input the desired options. Then add it to the MicroSD card.

Example config.txt file



Volume = 12
Ring Type = 1
Rings = 8
Delay = 1 minute
Config end

The above config.txt file will set the Period Phone to ring every minute, it will ring 8 times and is set to a volume level of 12.

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 in this mode (this message is only played when the phone is answered after a ring) however the Dial Tone can be used as an audio message if desired.

6.USING PIR (Passive Infrared)

PIR not supplied as standard.

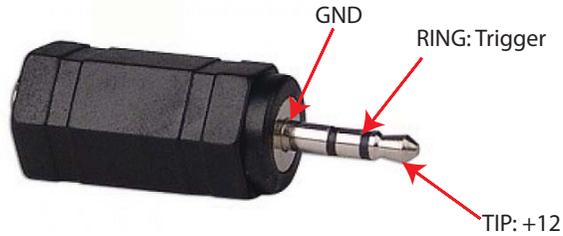
Your Telephone has been designed to allow for activation via PIR sensor (sold separately). When connected via the PIR socket located in the rear of the Control Box the phone will be activated upon sensing movement.

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.

If the timer 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.

PIR - 3.5 Jack connection

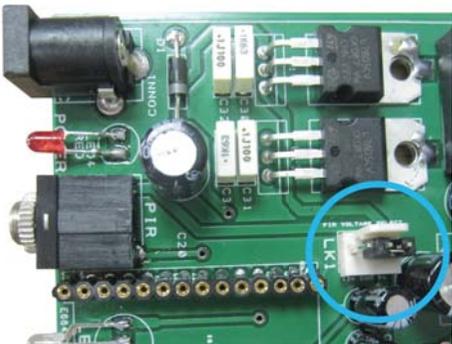


12V OR 5V PIR

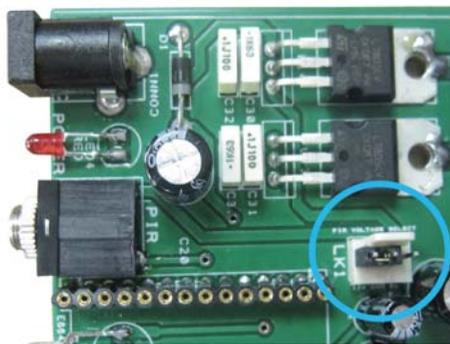
As standard the Period Telephone Control Box will power a 5v PIR, however this can be changed to 12v should you require by moving a jumper located on the board.

To access the board you must unscrew the rear plate of the device, the board will then slide out. The jumper is located near the PIR input.

Move the jumper from this position (5v)



To this position (12v)



7.STATUS LED

On the rear of the device is a status LED, this 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 and 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 and 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.

8.SPECIFICATIONS

PSU:

Filetype:

PIR:

Phone Connector:

Supply: 220-240v 50Hz | Output: 12v 1amp
 .mp3 @ 128kib
 5v open collector, plug 'n' play, low trigger
 Standard BT Plug