

Handset Adapter

Installation Manual

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vidicode

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Care and Maintenance

	<p>Keep the Handset adapter dry. If it gets wet, wipe it dry immediately with a soft, clean cloth. Liquids might contain minerals that corrode the electronic circuits.</p>
	<p>Use and store the Handset adapter only in temperature conditions between 0 and 40 degrees Celsius. Temperature extremes can shorten the life of electronic devices and distort or melt plastic parts.</p>
	<p>Keep the Handset adapter away from excessive dust and dirt.</p>
	<p>Do not use aggressive chemicals, cleaning solvents or strong detergents to clean the Handset adapter.</p>

1 Introduction

The Handset Adapter is the solution to connect a Call Recorder QUARTO or Call Recorder OCTO to the handset of any phone (e.g. analog, digital or IP phone).

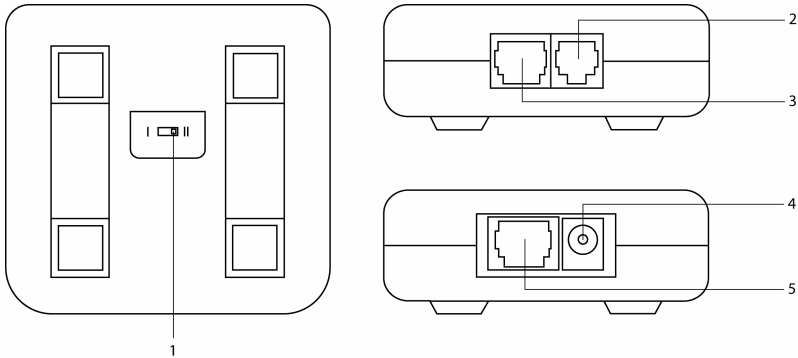
The Handset Adapter will not only provide the Call Recorder with a mixed microphone/speaker signal taken from the handset, but will also enable the Call Recorder to send out a recording announcement to the calling party.

With the Handset Adapter the OCTO or QUARTO can be used to record from a cluster of digital phones or a mix of digital and analogue phones. The unit can also be used to easily connect an external audio source to the Call Recorder, like a radio system or a microphone signal.



2 Connection

2.1 Location of the connectors / switch



1. I-II Switch for configuring to handset wiring.
2. To telephone's handset port, using existing curled cable
3. To handset, using supplied curled cable
4. Auxiliary power (only used if not powered from recorder)
5. RJ45 or RJ11 cable to recorder, (YELLOW LED / GREEN LED).

The adapter is plugged into any line input of the call recorder, using a RJ45 cable (or RJ11 cable if the adapter doesn't have to be powered from the recorder).

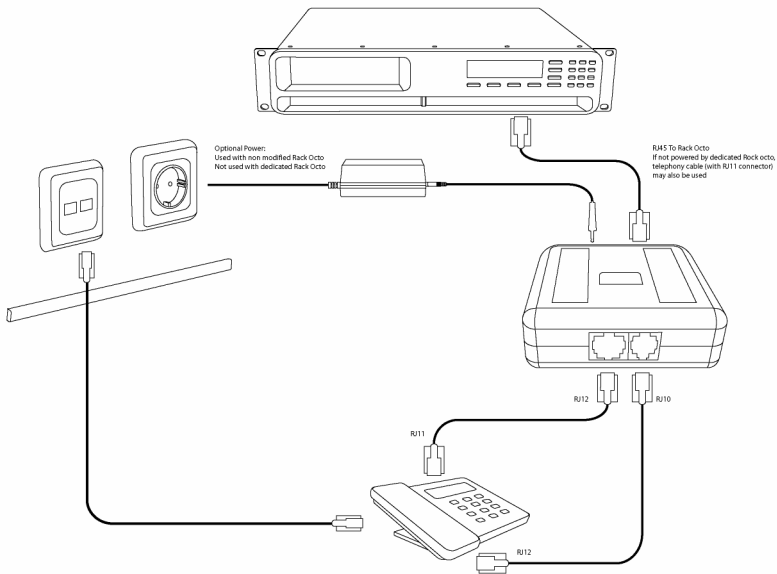
2.2 Wiring

On the call recorder OCTO or QUARTO there are two RJ45 connectors per channel. Connect the Handset Adapter to the RIGHT connector and cover the LEFT connector with the RJ45-blindplate.

On the handset side are two modular connectors, the RJ11 (6P4C) plug of the supplied cable is plugged in the RJ11 connector of the

handset adapter, the other end of the cable is plugged into the handset connector of the telephone, and the RJ10 (4P4C) connector of the curled handset cable is plugged into the RJ10 connector of the adapter.

The line must be set up for Voice activated recording. No other settings are needed to start recording.



2.3 The Power supply

When the Handset Adapter is used together with a specifically internally strapped call recorder OCTO/QUARTO line input, the handset adapter is powered by the call recorder and no external power supply is needed. The cable coming from the handset adapter should be connected to the 'telephone In' (right) connector. Contact Vidicode for the port strapping.

Alternatively a 9 – 12Vdc power supply can be connected to the power port of the handset adapter.

The YELLOW LED will light up when power is applied.

The GREEN LED will light up when the recorder is sending out a recording announcement to the calling party via the Handset Adapter.

Note:


If you want to power Handset Adapters centrally you can also connect power between pins 1 and 8 of the RJ45 cables.

(9 – 12Vdc, regulated, polarity is not important).

3 Setup

3.1 Start Method: Voice

(Setup example for OCTO or QUARTO Call recorders)

- Press the  key.
- Press **SYSTEM** to move to the SYSTEM settings menu's.
- Press Menu.

The **Start method** refers to the condition the Call Recorder uses to determine how and when to start recording. The display will show:

```

                Install Line 1
Start method:   Off-Hook
NEXT           CHANGE           BACK
```


- Press **CHANGE** to select Voice.

In Voice mode the Call Recorder monitors the input source for audio signals and recordings are started accordingly.

3.2 Notification configuration

Using the notification message in combination with the handset adapter, the Call Recorder needs an extra setting, found in the hidden 'System Parameters' menu.

The notification beeps can not be used with the handset adapter. To change the setting:

- Press the Settings  button then the soft key **SYSTEM**
- Press the >>> key until you reach "**System Parameters**"
- Press **START**
- Press **NEXT** until "**Use Handset Adapter**"
- Press **YES**
- Press **NEXT** to enter
- Press **STOP** then **YES** to save the setting.

4 Switch

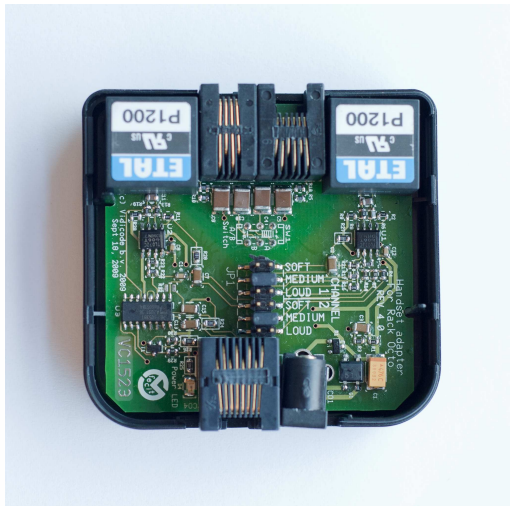
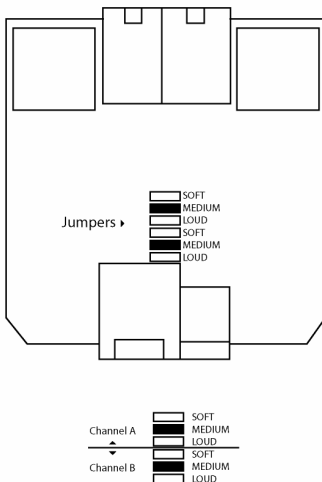
If your telephone not working properly or the sound is distorted after you connected the handset adapter, it might be that the wiring of your telephone is not standard.

In that case, set the 'I II' switch in position 'II'

5 Volume adjustment

When either the local or the remote caller is too loud or not loud enough, there are jumpers inside the adapter than can be used to increase or decrease the volume of each channel.

Carefully open the adapter by inserting a screw driver into the space between the RJ45 connector and the enclosure, then turn it in the seam between the two halves of the enclosure.



Locate the jumpers that are located close to the RJ45 connector. The default setting of the jumpers is “medium” for both channels . There is no way to tell if the signal that needs volume adjustment comes in on channel A or channel B. Therefore it is necessary to try which jumper should be set to a higher or lower sound volume.

Pull one jumper to see if it affects the sound of:

- only the local speaker (microphone),
- the remote speaker too (dial tone),

Then set the jumper of the channel you want to effect (microphone channel for local speaker, and the other for remote speaker) to a higher or lower setting, so the mix of the local and remote speaker is leveled.

Another problem that may occur with some telephones is that sounds in the room, or vibrations of the telephone may trigger a recording even when not actually making a call. That might happen when the telephone does not turn off its microphone in the “on hook” situation. The problem can be solved by pulling the microphone channel jumper, or setting it to a lower position. The other (speaker) channel normally has enough signal level from the local speaker (microphone) for this to be possible.