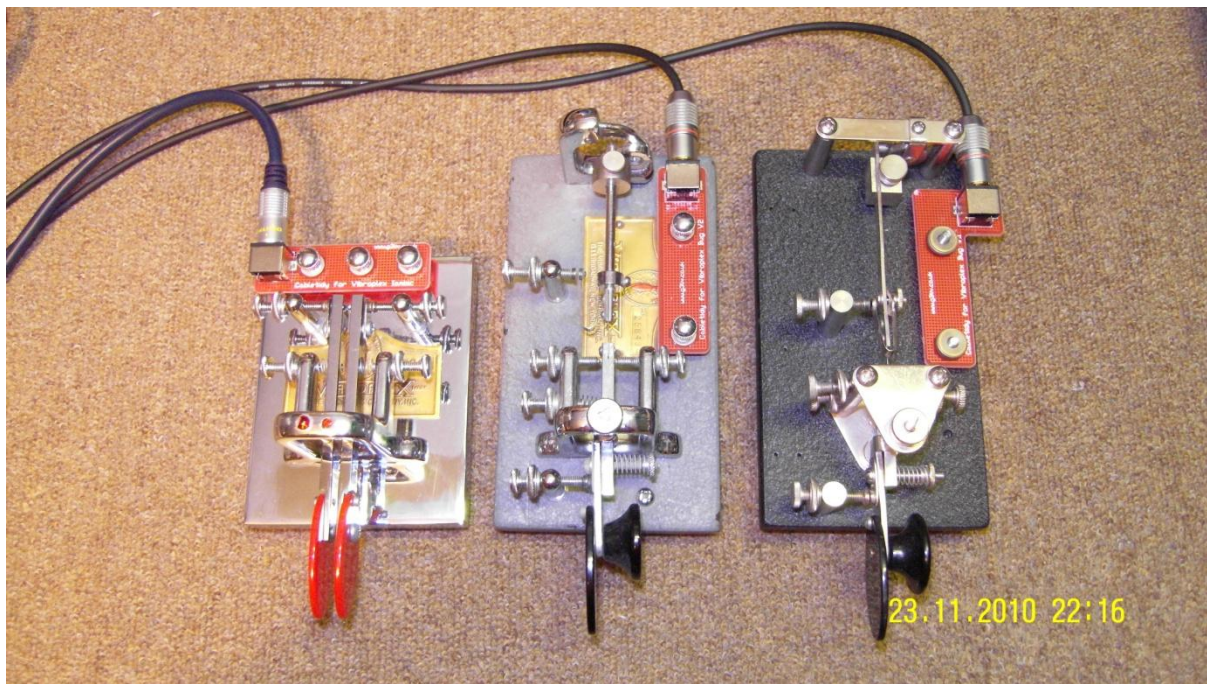
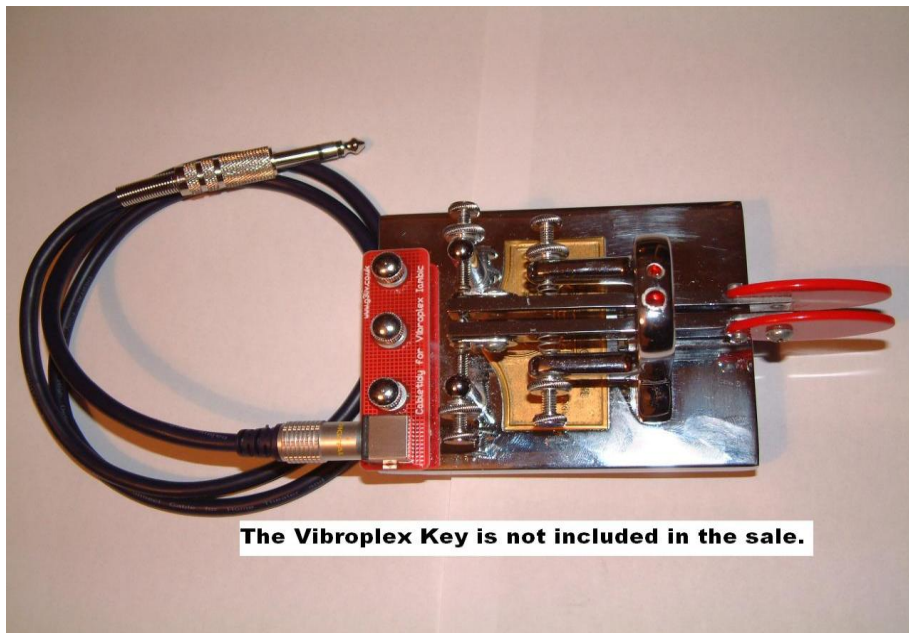


# CABLETIDYs for VIBROPLEX JA7GHD + K8RA Paddles and keys By Johnny G3LIV



## Introduction

Thank you for purchasing the G3LIV CABLETIDY  
There are many models in the VIBROPLEX/K8RA/JA7GHD ranges.

I have for years looked at keys and thought no matter how I try to connect them to my , rigs they always look untidy.

So in August 2010 I decided change must come.  
Therefore I have undertaken to design 8 types of CABLETIDYs.

- 1 For the 3 connections of the VIBROPLEX **IAMBIC KEY & VIBROKEYIER**  
With both RED and BLACK available to match the finger paddles.
- 2 For the older **J36** range that has the older wider vibrator bar stop.  
This wider bar prevents the key to rig cable from running forward from the main base.  
Therefore module **Version BUG 1** is offset to allow a better position.
- 3 For the later design of the Bug with the shorter vibrator bar stop.  
This shorter bar allows direct forward position of the keys cable.  
This module is **Version BUG 2** with 45mm spaced holes.
- 4 A new version for the Japanese made JA7GHD Paddles  
This first version is suitable for 3 connection paddles with the fixing holes 50mm wide. This will cover many JA7GHD keys.
- 5 This is the recent UNIVERSAL CABLETIDY. It is designed to cover paddle type 3 connection keys of most manufactures. This model is BLACK only.  
With 40mm to 60mm wide slots.  
Spaced centrally of course around the usual centre Ground terminal.
- 6 VIBROPLEX STRAIGHT KEY model now also available in RED or BLACK
- 7 K8RA this is recent model for the well known USA paddles and fits both manufactured models.
- 8 This is to fit the ORIGINAL RAF Type D Straight key. Black only

All these modules are fitted with the same 4 pin mini din socket as standard.  
And all will be supplied with a 1 metre long key to rig cable.  
Although the wiring will of course be different depending on the key/rig combinations.  
Connection bolts on the base of various VIBROPLEX keys are 43/45mm.  
With JA7GHD keys 50mm or 60mm seems to be there standard.  
But it has been found that this can vary a little between keys making it difficult to have a definitive spacing. The bolts in the key bases are 4mm diameter.

I have allowed the fixing holes in the Cabletids to be 5mm this should allow to some extent a bit of leeway for inaccurate centres. These are PLATED thru with plenty of diameter .

If keys are slightly wider spacing it may need a small round file to help the fit.

This would be easily done as its only fibreglass board.

In fact my own Vibroplex Iambic has the Centre Earth post 1 mm out of centre of the 3 fixings. The actual pads around the bolt holes are 10mm and plated through.

So there is lots of connection surface to make a good cable connection to the key.

No matter what module is purchased.

The rig side of the cable will of course have a different Jack plug fitted to suit the rig it's to be used on.

Either 6.4 mm stereo or mono or 3.5 mm stereo or mono.

The cable type may also change accordingly.

A number of 4mm washers are supplied to help balance out the height of the centre or Ground bolt if required.

I would welcome any comments regarding these modules should you want to keep me informed.

If you are fully satisfied with both the CABLETIDY and the SERVICE it maybe that you would kindly make comment at ;

ALL keys at [www.eham.net/reviews/detail/9689](http://www.eham.net/reviews/detail/9689)

**If you are interested in DATA Interfaces also look at**  
[www.g3liv.co.uk](http://www.g3liv.co.uk) and [www.eham.net/reviews/detail/1456](http://www.eham.net/reviews/detail/1456)

I again thank you

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## Extra CW Cable manufacture

The following information is to assist you to make up an extra cable for the CABLETIDY should you require it.

The 4 pin Din plugs are available at various outlets, the metal ones being fairly expensive.

One alternative way around this is to purchase a readymade up SVHS cable, there are lots advertised on EBay.

These are double ended and have either metal or plastic connectors on both ends.

The metal ones seem a better component and are recommended.

The cables are 2 core individually screened

If you purchase a 2 metre SVHS cable you can cut this in half and have a part wired 2X1 metre CW cable only requiring the rig end Jack plug fitted.

The rig end is usually a 3.5mm or 6.4mm Stereo jack plug.

Some older rigs may need a Mono jack but that will need checked.

You need to strip back the bare ends that have just been cut...Maybe 25mm to expose both of the centre cores and the 2 screens.

The 2 screens can be just twisted to make one ground core as it was.

The centre cores then go to the TIP and Ring of the selected Jack plug.

You can meter them thru from the cable tidy when the 4 pin of the new cable is connected.

Easier is temporary connect the 2 cores to the Jack plug and just test it out.

One way is correct DITs and DAHS on the correct sides..Or if wrong way around just reverse them. And note the cable colours for future use.

You will of course need the Common earth lead of the new cable connected to the main body of the Jack plug.

Don't forget to slip the Jack plug cover and the insulating tube onto the cable first before getting to the position of finally soldering the cores in place.

Both cores and ground are required for PADDLES.

Whilst only one core plus the ground is required for Bug type keys.

But again just as easy to do a temporary make up to check the cable colour for correct Bug operation.

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