

Introduction

The Catlink MS series of receiver heads have a timing adjustment pot that can be used to tune the operation of the receiver head for timing critical waveforms. (like, for example, *Mksky*).

MS series receiver heads are identified as follows :

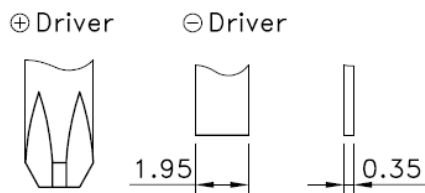
Leaded receiver head CL-IRM0238

→ blue indicator LED and/or BLUE/YELLOW heatshrink marker on plug end of cable.

Wall insert receiver heads (CL-IRM0238I, CL-IRM0238IH, CL-IRM0238IC)

→ 'MS Series' text on product label and adjustment pot access hole.

Screwdriver requirement



Vessel: NO.9000

⊕ 1.7x30

NOTE: Some receiver heads are equipped with pots that can only take the 1.95mm flat blade driver - inspect the receiver head's pot to see if it's a Phillips type or not.

Wall insert receiver head (CL-IRM0238I, CL-IRM0238IH, CL-IRM0238IC) adjustment

Insert screw driver carefully into access hole and carefully align into adjustment pot located on circuit board.

Adjust by only ¼ turns at the most and then check operation.

(Recommend ¼ left turn/anticlockwise for first try)



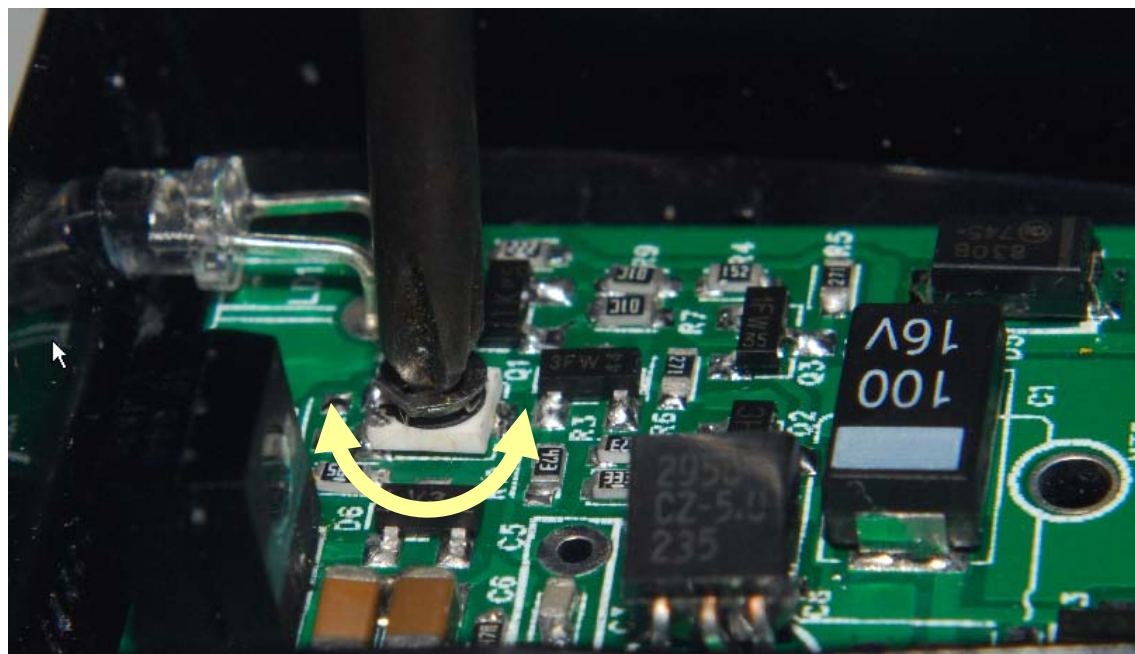
Leaded receiver head CL-IRM0238 Adjustment

1. Remove top cover by unscrewing retaining screw on bottom of case adjacent to cable and note position of adjustment pot.



2. Carefully insert screw driver into pot and adjust by $\frac{1}{4}$ turns then test result.

(Recommend $\frac{1}{4}$ left turn/anticlockwise for first try)



3. Place top cover back and secure with screw



Specific tuning for the *Mysky HDi* decoder.

The *Mysky* remote control system employs an extremely narrow IR control waveform that is not particularly easy to repeat. The pulse timing in the receiver head is critically tuned during assembly to work with this equipment however it is possible in some applications that this timing is still not correct.

If the remote control reaction is sluggish and all other factors have been eliminated (such as wiring or location of the receiver head) then tuning may solve the issue.

Procedure for *MySky* tuning :-



1. Set up receiver head so that the adjustment pot is accessible and the related display panel or T.V. is viewable. Ensure the *Mysky* remote control has fresh batteries installed.

2. Access the *Guide* menu.

3. Stand 2-3 meters away from receiver head.

4. Using the remote control, check the performance of the menu selection up and down commands. The menu bar should move up and down without many (if any) pauses.

5. If the **up** command seems sluggish compared to the **down** command then adjust the pot a quarter turn **anticlockwise** and then retest.

6. If the **down** command seems sluggish compared to the **up** command then adjust the pot a quarter turn **clockwise** and then retest.

If no solution or improvement is found then the issue may lie somewhere else (such as emitter installation, wiring, hub etc)