

This Information Is Provided By  
***CBTricks.com***

Cobra 18RV, 23 Plus, 41 Plus  
Technical Bulletin #1322

**Liability of damages to any equipment is the sole responsibility of the user! Downloading, viewing, or using any information provided on these pages automatically accepts the user to the terms of this agreement!**

**Modifications are provided for information purposes only!**

Supporters of CBTricks.com paid for the hosting so you would have this file.

CBTricks.com is a non-commercial personal website was created to help promote the exchange of service, modification, technically oriented information, and historical information aimed at the Citizens Band, GMRS (CB "A" Band), MURS, Amateur Radios and RF Amps.

CBTricks.com is not sponsored by or connected to any Retailer, Radio, Antenna Manufacturer or Amp Manufacturer, or affiliated with any site links shown in the links database. The use of product or company names on my web site is not endorsement of that product or company.

The site is supported with donations from users, friends and selling of the Site Supporters DVD's to cover some of the costs of having this website on the Internet instead of relying on banner ads, pop-up ads, commercial links, etc. Thus I do not accept advertising banners or pop-up/pop-under advertising or other marketing/sales links or gimmicks on my website.

ALL the money from donations is used for CBTricks.com I didn't do all the work to make money (I have a day job). This work was not done for someone else to make money also, for example the ebay CD sellers.

All Trademarks, Logos, and Brand Names are the property of their respective owners.

This information is not provided by, or affiliated in any way with any radio or antenna Manufacturers.

**Thank you for any support you can give.**

For information on how to Support CBTricks.com

<http://www.cbtricks.com/support/>

COBRA ELECTRONICS GROUP

TECHNICAL BULLETIN

1322

MODELS 18RV/23 PLUS/41 PLUS

**Application/**

**Symptom:** The local NOAA weather station is not received.

- Reason:**
1. Local NOAA weather station may be operating on a newly assigned frequency to counter interference problems.
  2. CB may be out of range of nearest NOAA station.

**Solution:** Determine the channel frequency of the local NOAA weather station by calling your weather bureau or airport information. If this frequency coincides with frequency settings of the CB, an out of range condition may exist. If frequencies do not coincide, adjust CB per the Details Of Change section of this bulletin.

**Parts**

**Required:** None.

**Test**

**Equipment**

**Required:** Standard FM signal generator tunable to the 162MHz weather band with +/- 5 KHz deviation, or if close to a weather station, use the "over-the-air" signal as the signal source.

**Details of  
Change:**

Align the receive frequency to new NOAA frequency.

1. Adjust CT-2 adjustment trimmer capacitor for WX1 or L605 (L7 41 Plus) inductor for WX3. 162.525 MHz or 162.500 MHz can be tuned varying CT-2 trimmer capacitor and 162.425MHz or 162.450MHz can be tuned by adjusting L605 (L7 41 Plus) inductor. These are located on the small weather band P.C.B. mounted near the front panel.
2. Set the FM signal generator to the required local NOAA frequency and allow for adequate warm up.

As an alternate set up (when in close proximity to a NOAA weather radio station), use the "over-the-air" signal as a substitute for the signal generator.

3. Connect the FM signal generator or a weather band antenna to the CB.

4. Turn on the CB and set the CB/WX switch to WX1 or WX3 as appropriate (WX1 is factory set to 162.550MHz and WX3 is set to 162.400MHz). WX2 is crystal controlled and is always set to 162.475MHz and must not be disturbed.
5. Adjust trimmer capacitor to set WX1 or inductor to set WX3 as appropriate for maximum response.
6. Attach your CB or WX antenna and confirm that the new frequency is the correct NOAA station. Listen to its broadcast announcements for call and operating frequency.

ADJUSTMENT SUMMARY

Frequency Adjustment At Dial Setting

	WX1	WX3
<u>Model No.</u>	<u>(162.525 or 162.500)</u>	<u>(162.425 or 162.450)</u>
18 RV	CT-2	L605
23 Plus	CT-2	L605
41 Plus	CT-2	L7

RR/hs