

# **BRUKSANVISNING KRACO UH-101 UHF CONVERTER FOR PRO-20, PRO-40**

**KRACO UHF CONVERTER**

**FOR PRO 20 MKII, PRO 40 MKIII**

**MODEL UH-101**

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Avsedd att användas till sammans med KRACO PRO-20 MK II,  
PRO-40 MK III,

Denna UHF-converter omvandlar UHF-signal (410 MHz) till det höga  
VHF-bandet (160 MHz)

Genom att använda denna converter kan KRACO PRO-20 MK II,  
PRO-40 MK III användas som mottagare för VHF low (80 MHz) samt  
UHF - bandet (410 MHz).

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## TEKNISK SPECIFIKATION

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Halvledare:.....9 transistorer, 1 LED, 5 dioder  
Antennimpedans:.....50 Ohm, chassieuttag För pinnkontakt  
Utgångsimpedans:.....50 Ohm, pinnkontakt  
Frekvensområde in:.....410,000 - 412,475 MHz, 25KHz steg  
Frekvensområde ut:.....167,3125 - 169,7875 MHz, 25 KHz steg  
Känslighet:.....0.5 uV, nominellt  
Drivspänning:.....från mottagaren  
Storlek:.....62(B)×134(D)×27(H)mm.

1. **UHF-indikator**  
Lyser vid avlyssning av UHF-band.
2. **Funktionsomkopplare**  
UHF : UHF-signal omvandlas till VHF-signal  
VHF : VHF-signal passerar igenom convertern utan omvandling.
3. **Antenningång**  
Här anslutes antennen
4. **Utgångskontakt**  
Anslutes till antenningången på PRO-20 MK II (PRO-40 MK III).
5. **Apparatkontakt**  
Anslutes till testuttaget på PRO-20 MK II (PRO-40 MK III).

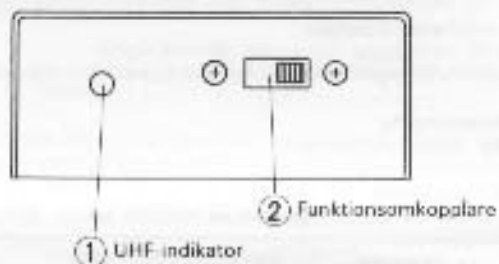
## **BRUKSANVISNING**

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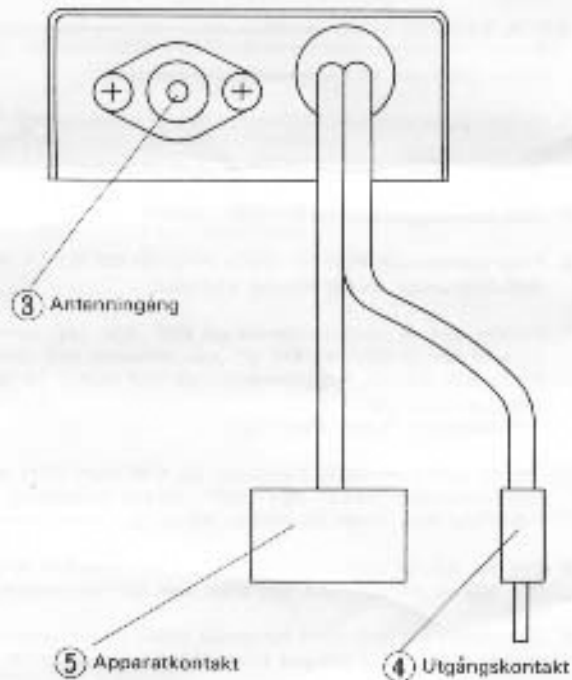
1. Anslut antennen till converterns antenningång.
2. Anslut utgångskontakten till mottagarens antenningång.
3. Anslut apparatkontakten till testuttaget på mottagaren.
4. Ställ funktionsomkopplaren i läge "UHF"
5. Programmera din PRO-20 MK II (PRO-40 MK III) till den önskade UHF-frekvensen enligt bifogad kodtabell.
6. Kanaler som är programmerade på VHF low (80 MHz) på din PRO-20 MK II (PRO-40 MK III) kan avlyssnas som vanligt. De kanaler som är programmerade på VHF high (160 MHz) omvandlas till UHF-signaler. UHF-indikatorn lyser i detta läge.
7. Om du önskar avlyssna frekvenser på VHF high (160 MHz), ställ funktions-omkopplaren i läge "VHF", du kan nu avlyssna 160 MHz frekvenser som kodas på vanligt sätt enligt mottagarens kodbok.
8. Om det uppstår några problem vid användningen av denna converter, tag då kontakt med den butik som sålt convertern.
9. Convertern kan monteras hängande under mottagaren med medföljande bygel enligt bifogad skiss, eller på annat valfritt sätt.

## BESKRIVNING AV CONVERTERKONTROLLER

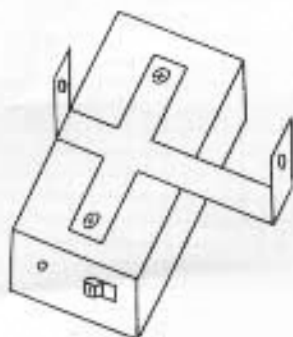
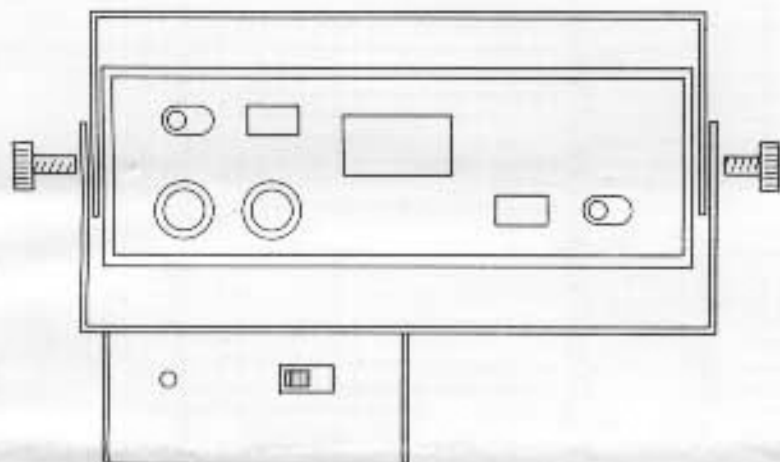
Framsida:



Baksida:



## INSTALLATION MOBIL



|  | N      | FREQUENCY | STATION | N1 | N2 | N3 | N4 | N5 | N6 | N7 | N8 | N9 | N10 | N11 |
|--|--------|-----------|---------|----|----|----|----|----|----|----|----|----|-----|-----|
|  | HH 121 | 410.000   |         | 1  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 0  | 1   | 1   |
|  | 123    | 025       |         | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 0  | 1   | 1   |
|  | 125    | 050       |         | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 1   | 1   |
|  | 127    | 075       |         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 1   | 1   |
|  | 129    | 100       |         | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 131    | 125       |         | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 133    | 150       |         | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 135    | 175       |         | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 137    | 410.200   |         | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 139    | 225       |         | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 141    | 250       |         | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 143    | 275       |         | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 145    | 300       |         | 1  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 147    | 325       |         | 1  | 1  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 149    | 350       |         | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 151    | 375       |         | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 153    | 410.400   |         | 1  | 0  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 155    | 425       |         | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 157    | 450       |         | 1  | 0  | 1  | 1  | 1  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 159    | 475       |         | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 1  | 0  | 1   | 1   |
|  | 161    | 500       |         | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 163    | 525       |         | 1  | 1  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 165    | 550       |         | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 167    | 575       |         | 1  | 1  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 169    | 410.600   |         | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 171    | 625       |         | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 173    | 650       |         | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 175    | 675       |         | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 177    | 700       |         | 1  | 0  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 179    | 725       |         | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 181    | 750       |         | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 183    | 775       |         | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 185    | 410.800   |         | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 187    | 825       |         | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 189    | 850       |         | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 191    | 875       |         | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1   | 1   |
|  | 193    | 900       |         | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 195    | 925       |         | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 197    | 950       |         | 1  | 0  | 1  | 0  | 0  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 199    | 975       |         | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 201    | 411.000   |         | 1  | 0  | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 203    | 025       |         | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 205    | 050       |         | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 207    | 075       |         | 1  | 1  | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 209    | 100       |         | 1  | 0  | 0  | 0  | 1  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 211    | 125       |         | 1  | 1  | 0  | 0  | 1  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 213    | 150       |         | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 215    | 175       |         | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 217    | 411.200   |         | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | HH 219 | 225       |         | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1   | 1   |

|  | N      | FREQUENCY | STATION | N1 | N2 | N3 | N4 | N5 | N6 | N7 | N8 | N9 | N10 | N11 |
|--|--------|-----------|---------|----|----|----|----|----|----|----|----|----|-----|-----|
|  | HH 221 | 411.250   |         | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 223    | 275       |         | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1   | 1   |
|  | 225    | 300       |         | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 227    | 325       |         | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 229    | 350       |         | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 231    | 375       |         | 1  | 1  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 233    | 411.400   |         | 1  | 0  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 235    | 425       |         | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 237    | 450       |         | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 239    | 475       |         | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 241    | 500       |         | 1  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 243    | 525       |         | 1  | 1  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 245    | 550       |         | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 247    | 575       |         | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 249    | 411.600   |         | 1  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 251    | 625       |         | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 253    | 650       |         | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 255    | 675       |         | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1   | 1   |
|  | 257    | 700       |         | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 259    | 725       |         | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 261    | 750       |         | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 263    | 775       |         | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 265    | 411.800   |         | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 267    | 825       |         | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 269    | 850       |         | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 271    | 875       |         | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 273    | 900       |         | 1  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 275    | 925       |         | 1  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 277    | 950       |         | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 279    | 975       |         | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 281    | 412.000   |         | 1  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 283    | 025       |         | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 285    | 050       |         | 1  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 287    | 075       |         | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 1   | 1   |
|  | 289    | 100       |         | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 291    | 125       |         | 1  | 1  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 293    | 150       |         | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 295    | 175       |         | 1  | 1  | 1  | 0  | 0  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 297    | 412.200   |         | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 299    | 225       |         | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 301    | 250       |         | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 303    | 275       |         | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 305    | 300       |         | 1  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 307    | 325       |         | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 309    | 350       |         | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 311    | 375       |         | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 313    | 412.400   |         | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 315    | 425       |         | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | 317    | 450       |         | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 0  | 1  | 1   | 1   |
|  | HH 319 | 412.475   |         | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 1  | 1   | 1   |