SuperStar 2000

Colt 1600DX - Colt 2000 DX - HyGain 8795V - Lafayette 1800 - Midland 7001 - Pacific 160
Printed Circuit Board PTBM131A4X / PTBM125A4X

I make a special EPROM expansion board that will add 4 more bands to any PLL02A radio, it also adds a 10KHz shift function as well, <u>click here to find out more.</u>

It will give 1 band down, 1 band up, UK 40 (up 64 channels without Alpha ch hops), NZ 40 (down 63 channels) and 10KHZ shift.

On a 40 channel radio it will give coverage from 26.335 to 28.005 (including the normal low,mid and high bands of 26.515-27.855), that is a total of 167 channels !

I can also make a custom board upon request which will give whatever frequency range you want (within the limits of the radio).

Adjustment

Reading Point	Adjustment	Description	Value
TP1	CT1	Band A -80 Ch.	19.655MHz
TP1	CT2	Band B -40 Ch.	19.880MHz
TP1	CT3	Band C CEPT	20.105MHz
TP1	CT4	Band D + 40 Ch.	20.330MHz
TP1	CT12	Band E + 80 Ch.	20.555MHz
TP2	T1	0utput to RF local oscillator	37.660-38.100MHz for CEPT
TP3	VCO-Coil	VCO DC Voltage	2,5 Volt @ 27.175MHz
TP4	CT11	IF mixer frequency	10.695MHz

Adjustment	Description	Value
RECEIVER		
T8	RF Input	
T9	RF Input	
T10	RF Input	
T11	1. IF	10,7MHz
T12	1. IF	10,7MHz
T13	AM IF	455kHz
T14	AM Detector	455kHz
T6	SSB IF	455kHz
T7	SSB Detector	
T16	FM Discriminator	
TRANSMITTER		
T1	PLL Output to Converter	37.660 - 38.100MHz for CEPT

T2	PLL Output to Converter	37.660 - 38.100MHz for CEPT
T3	Transmitter Output	26.965 - 27.405MHz for CEPT
T4	Transmitter Output	26.965 - 27.405MHz for CEPT
T5	Transmitter Output	26.965 - 27.405MHz for CEPT
L16	Transmitter Output	26.965 - 27.405MHz for CEPT
RV2	Bias Q8	
RV11	AM/FM Output Power	10 Watt
METER		
RV4	RF Power Meter	
RV8	RF S-Meter	SSB (USB/LSB)
RV9	RF S-Meter	AM/FM
.		
RV1	FM Modulation	+/- 2kHz
RV6	SSB Modulation	18 Watt p-p
RV11	AM Modulation	90%
RV5	Carrier at SSB	Adjust for NO Carrier

This counter shows the number of hits since the 7th November 1999

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Unable to open config file for reading: /www-home/homepages.ihug.co.nz/Counter/conf/count.cfg
   It is a permission problem! Make sure all the counter directories are accessible
                  and the file count.cfg is readable by your web server.
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Go Back To The Alignments Page

Go Back To The Main Home Page

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