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TECHNICAL INFORMATION #918

ZIB-111

To: ICOM Distributors

From: ICOM Inc. / CS Department

Date: September 27, 2002

Service handling necessary:

Yes No

Re: Expanding TX/RX Frequency Coverage for the IC-2720/D/H and IC-2725E

Following is the information of the expanding TX/RX frequencies for IC-2720/D/H and IC-2725E.

Version	RX Expansion Method	TX Expansion Method
JPN	Remove D2040, Push [LOW]+[DUP] and turn the power ON.	Expansion is inhibited.
EUR	<u>With Key Operation</u> Push [LOW]+[DUP] and turn the power ON <u>Without Key operation</u> 1- Remove D2044	VHF Band: Remove D2047 UHF Band: Remove D2046
ITR / KOR / AUS	<u>With Key operation</u> 1- Remove D2036, D2037, D2038, D2039, D2041, D2042 and D2043 2- Push [LOW]+[DUP] and turn the power ON <u>Without Key operation</u> 1- Remove D2036, D2037, D2038, D2039, D2041, D2042, D2043 and D2044	VHF Band: Remove D2047 UHF Band: Remove D2046
TPE	<u>With Key operation</u> 1- Remove D2036, D2037, D2038, D2039, D2041, D2042 and D2043 2- Push [LOW]+[DUP] and turn the power ON <u>Without Key operation</u> 1- Remove D2036, D2037, D2038, D2039, D2041, D2042, D2043 and D2044	VHF Band: Remove D2047 UHF Band: Remove D2046 Output power expansion is permitted only for TPE version. Push both sides [V/MHz] and [TONE], then turn the power ON for 50W.
USA	Expansion is inhibited	VHF Band: Remove D2047 UHF Band: Remove D2046
SEA	Remove D2036, D2037, D2038, D2041, D2042 and D2043	VHF Band: Remove D2047 UHF Band: Remove D2046
EXP	Expansion completion	Expansion completion

Supplement for all versions

Mini repeater expansion: Remove D2045, While pushing [LOW]+[DUP], push [SET] for seconds

Mini repeater release: Push [SET] for seconds

NOTE: Resetting the CPU, cancels the expansion that has done by keypad.

[Explanation of each diode]

D2036 -> 174.000 - 321.995MHz expansion setting

D2037 -> 118.000 - 135.995MHz expansion setting

D2038 -> 400.000 - 469.995MHz expansion setting

D2039 -> 136.000 - 173.995MHz expansion setting

D2040 -> RX mask band cancellation setting for JPN version

D2041 -> 810.000 - 999.990MHz expansion setting

D2042 -> 470.000 - 549.995MHz expansion setting

D2043 -> 322.000 - 399.995MHz expansion setting

D2044 -> Expansion method setting, (Operation via keypad is required when this diode is installed)

D2045 -> Mini repeater expansion setting

D2046 -> UHF band TX expansion setting for export models, no effective for JPN version

D2047 -> VHF band TX expansion setting for export models, FAN setting for JPN version

By removing this diode at JPN version, FAN becomes disable, so does not remove it for JPN version.

