

Final check of BICOM devices after repair

Serial number:	Type B:	Date:
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Battery box:	Functional check of charger's connector (mains adapter)	<input type="checkbox"/>
	Functional check of latching mechanism	<input type="checkbox"/>
	Check of state of charge (battery test)	<input type="checkbox"/>
	Capacity test using 12V/55W lamp; potential drop in 30 sec less than 0,5 Volt	<input type="checkbox"/>
CPU box DC-DC converter CPU	4.1 Version: functional check of switches and light diodes	<input type="checkbox"/>
	4.1 EPROM 18.2.98 installed	<input type="checkbox"/>
	4.4 Version	<input type="checkbox"/>
	Jumper present	<input type="checkbox"/>
	2A / 5A fuse, 2 x 800mA fuses in B2000 module	<input type="checkbox"/>
	Check firm fit of fuses	<input type="checkbox"/>
	Functional test of the clock	<input type="checkbox"/>
	Check of send and receive fuction of V24-interface, terminal or MRT	<input type="checkbox"/>
Reer panel	Functional test of the cable test diode, jack and banana plugs	<input type="checkbox"/>
	Functional test of IR sender connector (charging of sender)	<input type="checkbox"/>
	Continuity test of all connectors	<input type="checkbox"/>
Front panel	Modify switchboard, ifnecessary	<input type="checkbox"/>
	Functional test of all keys; lighting and firm fit of buttons	<input type="checkbox"/>
	Functional test of key panel	<input type="checkbox"/>
	Correct alignment of push-buttons	<input type="checkbox"/>
	Functional test of rotary encoder and bandpass cursor	<input type="checkbox"/>
	Check display plexiglass and bandpass filter designator for scratches	<input type="checkbox"/>
Pre-amplifier	Functional check of pager / beeper	<input type="checkbox"/>
	Check of parameters: amplification - frequency response	<input type="checkbox"/>
	Check of A and Ai (separately)	<input type="checkbox"/>
	Off-set adjustment DC	<input type="checkbox"/>
Filter	Functional check of adjustment (manual ad self-adjustment) including function generator and oscilloscope	<input type="checkbox"/>
	set 100 Hz - 2 kHz - 3,7 kHz - 52 kHz - 100 kHz - 150 kHz and check for correct output	<input type="checkbox"/>
	Funtional check of Output test	<input type="checkbox"/>
BUS Board	Installation / Check of earth lead	<input type="checkbox"/>
	Texas IC SN 74 - HC 273 installed?	<input type="checkbox"/>
Printer	Is the screw firmly fixed?	<input type="checkbox"/>
Printer	Functional test of slide-in module and mobility	<input type="checkbox"/>
	Functional test of printing and paper feeding	<input type="checkbox"/>
	Set value 50 with testing device and EAP-part and take readings, take 6 different values; deviation of max ± 2 % of full value	<input type="checkbox"/>
	Print values	<input type="checkbox"/>

Test part	Functional check of key lock and light diodes	<input type="checkbox"/>	
	Check of adjustment in all modes (test device)	<input type="checkbox"/>	
	Check of signal linearity (0, 50, 100, foot switch, V24)	<input type="checkbox"/>	
	Functional test of sound level potentiometer and speakers	<input type="checkbox"/>	
	Functional test of TP controller, if applicable	<input type="checkbox"/>	
	Pre-resistor installed in ZD	<input type="checkbox"/>	
	Check EAP plexiglass for firm fit and scratches	<input type="checkbox"/>	
	Conductance value in the 3 settings "E", "A" and "MT"	<input type="checkbox"/>	
Receiver	Functional test of switch	<input type="checkbox"/>	
	Switch on IR and check whether the red LED works	<input type="checkbox"/>	
Charging cable	Functional check of charging cable	<input type="checkbox"/>	
	Check charging current of sender (270 mA)	<input type="checkbox"/>	
B2000	Functional test of all buttons, keys and switches, as well as the firm fit of the front nut	<input type="checkbox"/>	
	Check all light diodes whether they flash when activated	<input type="checkbox"/>	
	Check acoustic signal of DMI with a speaker connected (instead of the mat),	<input type="checkbox"/>	
	Attenuation = decreasing tone	<input type="checkbox"/>	
	Amplification = increasing tone	<input type="checkbox"/>	
	Both should have the same volume	<input type="checkbox"/>	
	Adjust DMI intensity and test output	<input type="checkbox"/>	
	Run it 3 minutes, there have to be 3 beep tones	<input type="checkbox"/>	
	Check BMF: apply 50 mV at input and adjust generator to 500 Hz; the magnetic field has to be audible through a speaker (connected as replacement mat) independently of the intensity controller	<input type="checkbox"/>	
	Check the switching on the back side, that position of the switch and sound emission match EAP / DMI labelling	<input type="checkbox"/>	
	800 mA fuse (F2 and F3) in DC converter / CPU box	<input type="checkbox"/>	
Connecting BICOM Multisoft	Do cable test with jack connector	<input type="checkbox"/>	
	DMI: small modulation mat + connector or modulation mat	<input type="checkbox"/>	
	DMI: large modulation mat + connector or modulation mat	<input type="checkbox"/>	
	If BICOM Multisoft is to be integrated, then the two BNC connectors on the back side need to be exchanged for insulated BNC connectors.	<input type="checkbox"/>	
	Plug-in con.	Functional check of the plug-in connection or locking mechanism	<input type="checkbox"/>
Visual inspection of cover / casing		Screwing and orientation of the 'legs'	<input type="checkbox"/>
		Check casing for paint defects, scratches and blotches	<input type="checkbox"/>
		Check all front plates for scratches, damages, dirt	<input type="checkbox"/>
	Check the frame for paint defects, scratches, glue residue and inclusions	<input type="checkbox"/>	

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Leakage cur.	Check leakage current according to TK 12	<input type="checkbox"/>
Ferrite cores	Mains adapter ferrite	<input type="checkbox"/>
	Foot switch ferrite	<input type="checkbox"/>
	Therapy stylus ferrite	<input type="checkbox"/>
Device	Charge	<input type="checkbox"/>
	Test run	<input type="checkbox"/>
CE mark	CE mark	<input type="checkbox"/>