

**SPECIFICATIONS OF FACSIMILE RECEIVER
FAX-408**

1 RECEIVER

1.1	Reception	Synthesized double superheterodyne
1.2	Frequency range	MF/HF 2.0000 – 24.99999 MHz
1.3	Mode	F3C
1.4	Selectivity	2.0 kHz at -6 dB
1.5	Number of channels	314 channels (150 pre-set channels, 164 user channels)
1.6	Sensitivity	MF/HF 2 μ V at 20 dB SINAD
1.7	Channel selection	Automatic or manual, with numeric keys
1.8	Tuning indicator	3 LEDs
1.9	Display	LCD, 32 characters in 2 lines
1.10	External signal input	1500 Hz (black) and 2300 Hz (white), FSK or FM signal

2 RECORDER

2.1	Recording system	Electronic scanning w/thermal head
2.2	IOC	Index of Cooperation, 576 and 288
2.3	Recording speed	60, 90, 120 scans per minute
2.4	Gradation	9 tones (white, 7 gray levels and black)
2.5	Recording paper	Thermal paper (216 mm \times 20 m)
2.6	Line density	8 dots/mm (total number of dots: 1696)

3 AUTOMATIC RECORDING CONTROL

3.1	Start/stop	Automatic start or stop by timer program and/or WMO Standard, remote control signal (or manual)
3.2	Recording rate	Automatic selection of recording rate (or manual)
3.3	IOC	Automatic selection of IOC by WMO start signal (or manual)
3.4	Phase	Automatic selection of phase matching by passing signal (or manual)

4 POWER

4.1	Power source	12-24 VDC: 2.3 – 1.15 A
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5 ENVIRONMENTAL CONDITIONS

5.1	Temperature	-10°C to +50°C
5.2	Humidity	95% relative humidity (35°C)
5.3	Waterproofing (IEC60529)	IPX0
5.4	Vibration	3 mm/480 rpm - 0.2 mm/3000 rpm

6 COATING COLOR

6.1 Main unit N2.5

7 PREAMP UNIT FAX-5 (option)

7.1 Frequency range 80 kHz – 30 MHz

7.2 Antenna Wire antenna or 2.6 m whip antenna

7.3 Input protection Withstand a 30 Vrms antenna input for 15 minutes

7.4 Output impedance 50 ohms

7.5 Power 9 VDC, fed from facsimile receiver via coaxial cable