

**SPECIFICATIONS OF FACSIMILE RECEIVER
FAX-410**

1 RECEIVER

1.1	Receiving system	Synthesized double super-heterodyne
1.2	Frequency range	MF/HF 2.0000 to 24.9999 MHz
1.3	Mode of reception	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, digital 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	Index of cooperation (IOC)	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 (257 mm \times 30 m)
2.6	Line density	8 dots/mm (total number of dots: 2016)

3 AUTOMATIC 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 SOURCE

12-24 VDC: 2.3-1.15 A
100/115/200/230 VAC: 0.3/0.26/0.15/0.13 A, single phase,
50/60 Hz

5 ENVIRONMENTAL CONDITIONS

5.1	Temperature	-10°C to +50°C
5.2	Relative humidity	95% (35°C)
5.3	Degree of protection	IPX0
5.4	Vibration	3 mm/480 rpm - 0.2 mm/3000 rpm

6 COATING COLOR

2.5GY5/1.5 (standard)

7 PREAMP UNIT FAX-5 (option)

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| 7.1 | Frequency range | 80 kHz to 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 |