

FAX4 WEATHER FACSIMILE DECODER



ICS Electronics Ltd have a world-wide reputation for the design and manufacture of MF/HF radio data communications equipment. As well as supplying our DSC, NAVTEX, Weather Facsimile, Weather Satellite systems to the marine market, ICS equipment is extensively used by coast radio stations and navies throughout the world.

Weather Facsimile transmissions are made by stations throughout the world and can be received on any good quality SSB receiver. Weather Facsimile will provide valuable weather and sea state condition information for up to five days ahead.

FAX 4 provides paper printout Weather Facsimile charts on popular computer printers.

Weather Facsimile at affordable prices



The FAX4 finally makes high quality weather facsimile an affordable option. Offering world wide coverage, it gives access to surface analysis charts every six hours and weather forecast maps up to five days in advance.

Complimenting ICS's popular NAV4 NAVTEX receiver, the FAX4 connects between any good quality short wave SSB radio receiver and most high resolution ink jet and laser printers. **No computer is required** and the image quality far exceeds that which is currently available from other systems.

Weather Facsimile broadcasts are made from stations all over the world. They are made simultaneously on several frequencies to improve reliability of coverage. New weather maps are transmitted every 6 hours. Also available are easy to interpret weather maps for up to five days ahead, ice maps, ocean currents, sea state and swell forecasts and ocean temperature maps extend the usefulness of the information provided. For information on transmission frequencies and schedules, check with the "Admiralty List of Radio Signals, Volume 3", available from all Admiralty chart agents.

Installation is straightforward. The FAX4 is extremely compact and occupies minimal panel space. It connects to a 12 volt power supply, computer printer, and to the loud speaker

extension socket of virtually any HF SSB receiver. If an HF or MF transceiver is fitted, no additional receiver will be required. Once the receiver is tuned to the correct frequency, operation is fully automatic. If a map is tuned in part way though, the manual start/ stop button can be used.

Automatic timer operation is possible by connecting a receiver with a timed remote control facility.

Many popular ink jet and laser printers are supported by the FAX4. Epson and Canon have suitable models. The Canon BJC-80 is particularly suitable due to it's small physical size and the ease of running it from a 12 volt battery supply.

FEATURES

- ▶ Simple, automatic operation
- ▶ Extremely compact
- ▶ Low power consumption
- ▶ Operates with any HF SSB receiver or transceiver
- ▶ Outstanding map clarity
- ▶ Releases the computer for other tasks
- ▶ Supports most popular printers

FAX4 Technical Specifications



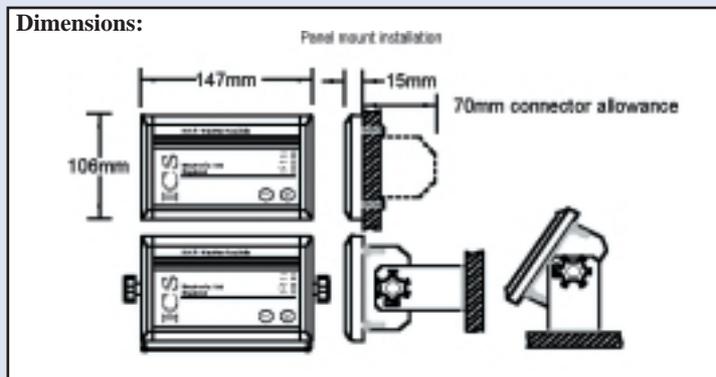
MOUNTING	Designed for flush mounting on a flat panel with connectors protruding from the rear
DIMENSIONS	147Wx106Hx15D mm excluding connectors
WEIGHT	215 grams
VOLTAGE	10-16 volts DC
POWER CONSUMPTION	1.5 watts
TEMPERATURE	0 to 40 degrees Celsius
DECODING CHARACTERISTICS	Automatic reception of IOC 288 and 576 transmissions at 60, 90, 120 and 240 RPM
REAR CONNECTIONS	Audio in from SSB receiver >100mV 12 volt DC power in Timer control input; contact closure input current 0.5mA Printer output (to printer)
OPTION	BMK-1 bulkhead or desk mounting kit

Note: Standard printer connecting leads (available from computer stores) are not supplied

CONTROLS	Power ON/OFF Manual Start/Stop of map
PANEL INDICATORS	Black/White tuning indicators Power/flashing for timer control On Line Printer error

PRINTER INTERFACE Supports Centronics parallel printer interface protocols:-

- ▶ Canon printers supporting BJ mode e.g. BJ-30, BJC-70, BJC-80, BJC-250 and BJ-200 EX.
- ▶ Laser or ink jet printers supporting PCL2 at 300 dpi.
- ▶ Printers which support Epson LQ mode at 360 × 360 dpi.



Available from:

ICS Electronics has a policy of continuous product improvement and reserve the right to vary in detail from the specifications contained in this brochure.

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