

£329

HF-150

COMMUNICATIONS RECEIVER

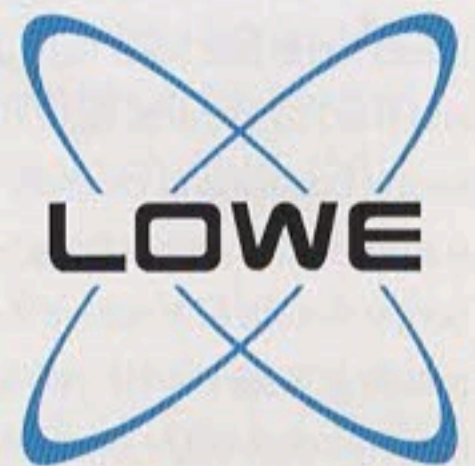


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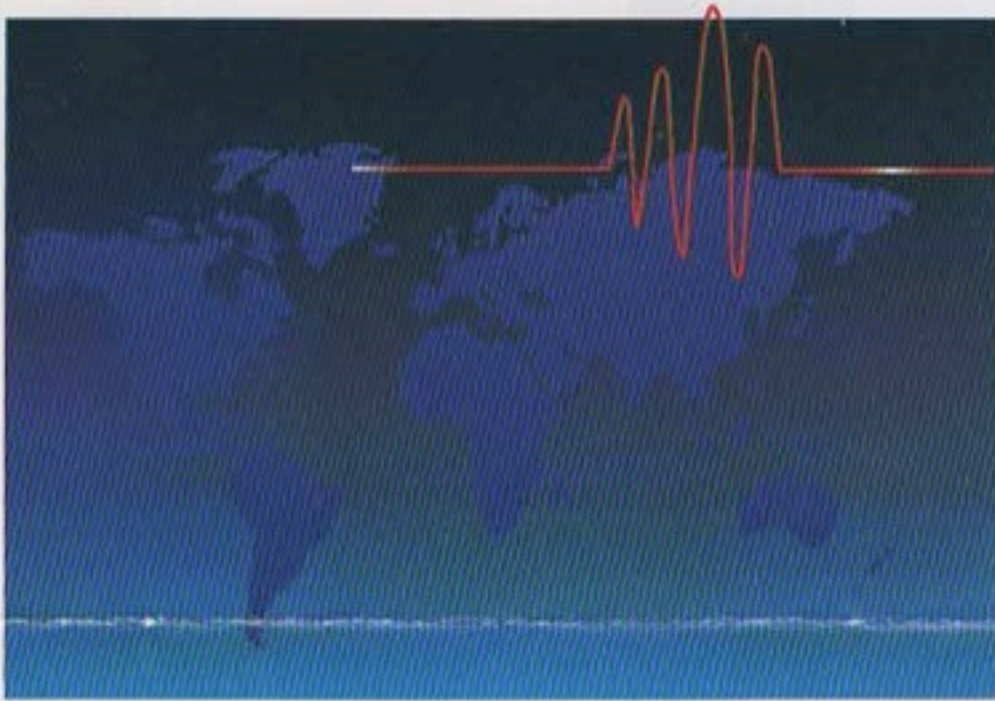
w o r l d

o v e r



Listen to

From the longest of long wave to the top limits of the short wave spectrum, the HF-150 is designed to give you everything you needed in a real radio receiver. There has quite literally never before been a receiver like the HF-150, because only now have technology and engineering been combined in such an effective package. This is innovation at its very best.



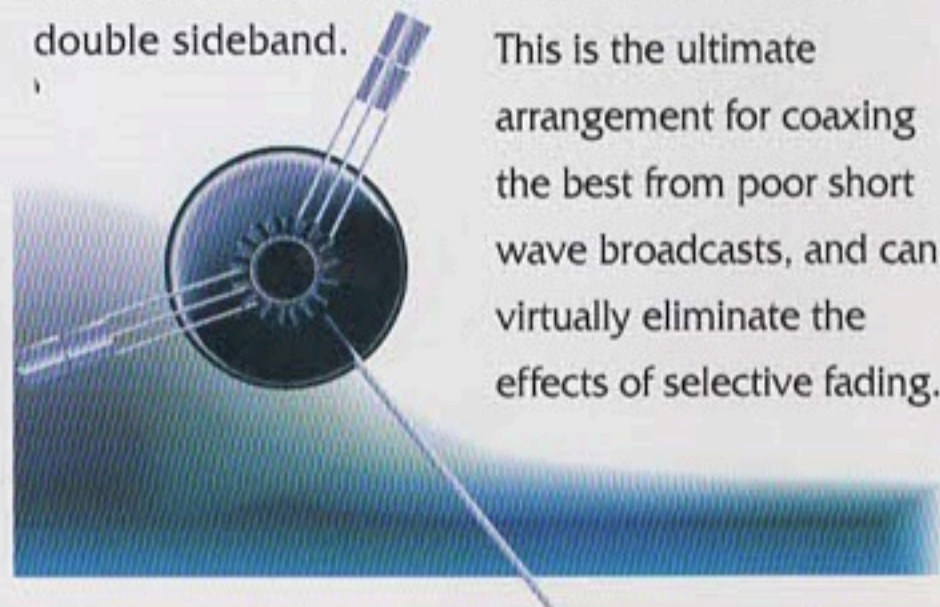
Listening to radio can mean many things; news and current affairs from around the world; ships at sea; aircraft wending their lonely way across the oceans of the sky; sounds of conflict; sounds of peace; drama, real or staged; entertainment; crisis; they are all at your fingertips with a good radio receiver. This is the arena where the HF-150 operates; and operates equally well at home by your fireside or travelling with you wherever you may be.

The HF-150 is designed to be a survivor. No flimsy boxes here; just solid hard alloy casings, metal panels, and machined parts, right down to the silky smooth tuning control and carefully crafted carrying handle supports. This level of mechanical strength carries the bonus feature of ensuring excellent stability and shock proofing. Take the HF-150 anywhere-it will handle more beatings than you can.

Its performance in electrical terms is impressive, and the specification comprehensive. Tuning range is all the way from 30KHz to 30MHz, with variable tuning rate according to the speed of rotation of the main tuning knob. For large frequency shifts, a single press on the "Fast" button gives tuning in 100KHz steps; a second press returning you to the normal ultra fine tuning rate.



Reception modes are AM, Upper Sideband (USB), Lower Sideband (LSB), which also allows reception of CW/RTTY/FAX, and also included is an all new phase locked AM system which allows selection of either synchronous lower sideband or synchronous upper sideband and synchronous double sideband.



This is the ultimate arrangement for coaxing the best from poor short wave broadcasts, and can virtually eliminate the effects of selective fading.

the World

In the dual conversion design there are two carefully
n IF bandwidths of 2.5kHz and 7kHz, selectable at will
e user to suit reception conditions, whilst the use of
z crystal master oscillators ensures long term frequency
acy. Tuning frequency is displayed
clear 5 digit liquid crystal display
is also used to show modes, memory
nation, and all other important operating functions.



As in other Lowe receivers, particular attention has
been paid to audio quality, and whether on the internal
loudspeaker or high performance external unit, you can just
sit back and enjoy easy listening. Broadcast or
voice communications all appear with
the same clear quality which
characterises the Lowe sound.

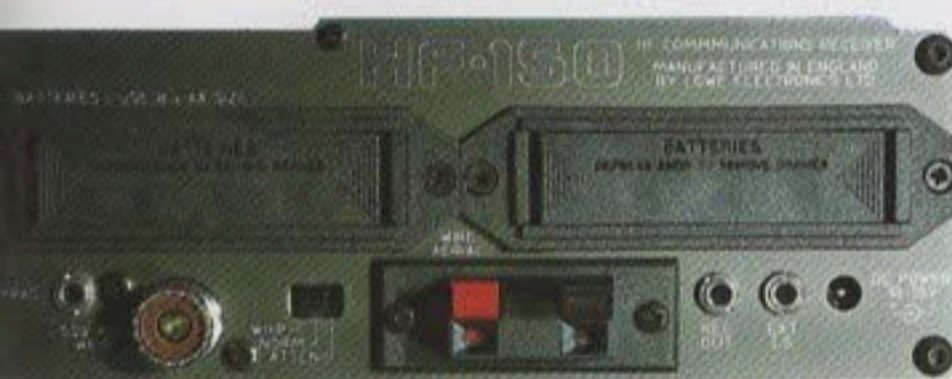
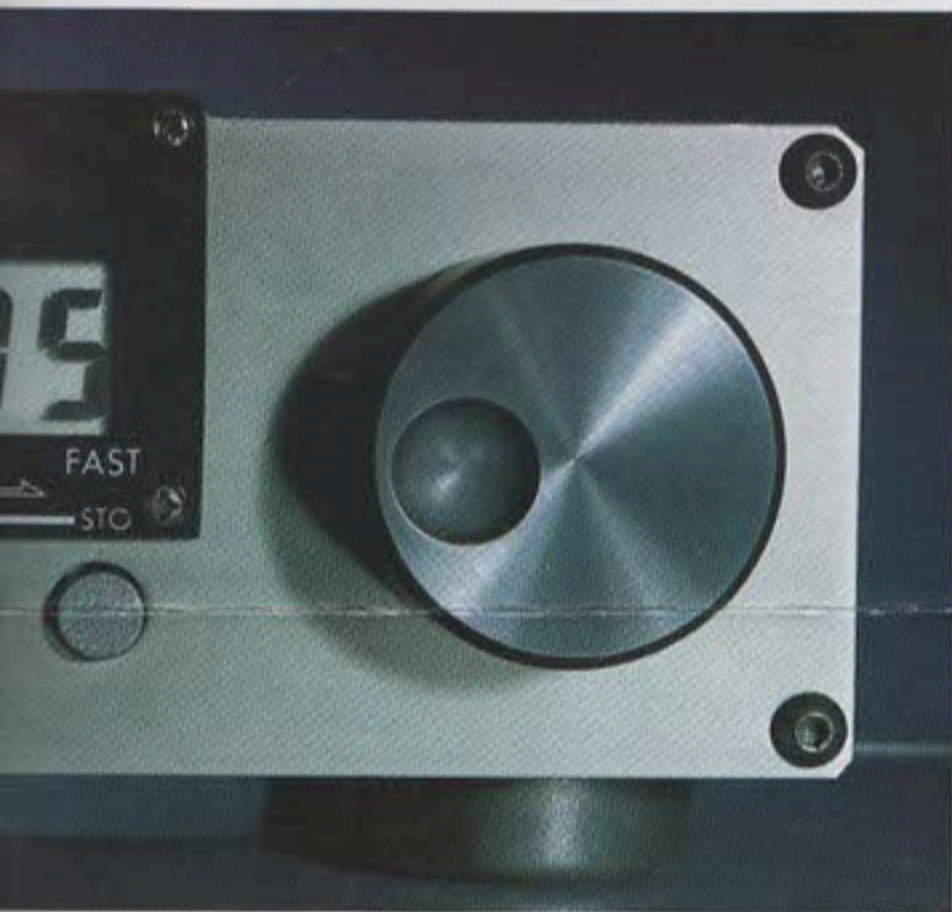
The front panel is a masterpiece; the rear panel
equally so, carrying sockets for dc power (10-15Vdc from
the supplied mains power supply or suitable source),
external loudspeaker, output for tape recorder, one touch
terminals for wire antenna, coaxial input for low impedance
antenna or high impedance whip antenna, and the socket for
the all important keypad (option). This is the same keypad as
the one for the HF-225, of which Larry Magne (Passport to
World Band Radio) said "...quite simply this is the best
keypad in the world." The keypad (KPAD-1) gives you
unambiguous direct frequency entry and instant direct
memory access.

Also on the rear panel are the easy access carriers for
the internal batteries, and these can be either eight AA size
alkaline cells or rechargeable Nickel cadmium type. If
rechargeable batteries are fitted, they are automatically
charged whenever the HF-150 is plugged into a 12 volt dc
source.

A discreet slide switch selects "Normal" for average
wire antennas, "Whip" which switches in a pre-amplifier for
short whip antennas, and "Atten" for use on occasions when
huge incoming signals are encountered.

Possibly the most amazing feature of the HF-150 is
its size; only 185 x 80 x 160mm (that gives a footprint of
half of one page of the brochure), and by careful choice of
alloy materials for the all-metal construction the HF-150
weighs in at only 1.3kg.

The HF-150 could be your first 'real receiver'. It will
certainly bring you closer to the hobby of listening and give
you satisfaction in owning one of the best of the bunch.



No less than 60 memory channels are provided,
h storing frequency and mode. Memory access is easy
unambiguous, as are all the operating features of the
150. In fact, the whole concept of the HF-150 is to
vide every desirable feature for the listener whilst
ping operation as simple as possible. This is a radio to
and enjoy; not one which baffles you with multi
poured buttons and unnecessary useless gimmicks.

BRIEF SPECIFICATION

Frequency coverage: 30 kHz to 30MHz

Modes: USB,LSB
AM
Synchronous AM
(LSB/USB/DSB)

IF bandwidths: 2.5KHz and 7KHz

Display: 5 digit LCD

Tuning Steps: 8Hz

Master oscillators: Quartz Crystal

Receiver type: Double Conversion

Memories: 60, each holding frequency
and mode

Aerial Inputs: 600 ohm long wire
50 ohm coaxial feed
Hi-Z whip

Power supply: 12Vdc from mains adaptor
(supplied)
External 12Vdc source
Internal Batteries (Option)

Loudspeaker : Internal

External Connections: Headphones
Ext. Loudspeaker
Record Output

Construction: All metal light alloy case.
Metal Panels.

Size: 185 x 80 x 160mm

Weight: 1.3kg (less batteries)

OPTIONS

AK-150 Kit containing whip
aerial/short carrying strap/shoulder
strap incorporating aerial/ strap
brackets/battery pack.

KPAD-1 Keypad

XLS-1 Monitor quality external
loudspeaker



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