

INTRODUCTION

The Heathkit Model HW-8 Transceiver is a solid-state, four-band QRP (low power) unit covering the CW portion of the eighty, forty, twenty, and fifteen meter amateur bands. The direct-conversion receiver features an RF stage, a balanced product detector, and an active audio filter with wide or narrow selectivity.

Other features include diode band switching which is controlled by pushbuttons and a method of premixing the variable and heterodyne oscillator signals to provide the same dial read-out on all bands. This also provides excellent stability and a fixed frequency offset on all bands while you are transmitting.

In addition to indicating Relative Power, the panel meter is used during alignment to assure proper adjustment of the transmitter tuned circuits.

The HW-8 Transceiver may be operated from the Heathkit Accessory Power Supply Model HWA-7-1, an equivalent low impedance power supply, or from batteries.

Refer to the "Kit Builders Guide" for complete information on unpacking, parts identification, tools, wiring, soldering, and step-by-step assembly procedures.