

# ICF-SW77

## FM Stereo Multi-Band World Band Receiver™

SONY

- **AM (LW/MW/SW)/FM STEREO WORLDWIDE RECEPTION**
- **PLL QUARTZ FREQUENCY SYNTHESIZED TUNING**
- **10 KEY DIRECT ACCESS™ TUNING**
- ▲ **MANUAL AND AUTOMATIC SCAN TUNING**
- **162 STATION MEMORY PRESET TUNING**
- **FACTORY-PROGRAMMED COUNTRY AND FREQUENCY PRESETS**
- **SSB (SINGLE SIDE BAND) CIRCUITRY**
- ▲ **SYNCHRONOUS DETECTION CIRCUITRY**
- ▲ **BUILT-IN CLOCK WITH ALARM, SLEEP FUNCTION, AND TIMER/STANDBY**
- ▲ **KEY PROTECTION CIRCUITRY**
- ▲ **TAPE RECORD-OUT JACK**
- **BACKLIT LCD DISPLAY WITH CONTRAST ADJUSTMENT**
- **UNIVERSAL TIME COORDINATOR (UTC) WITH WORLD TIME SCALE**
  
- ▲ **STEP-UP FEATURE**    ▶ **NEW FEATURE**



## features

- **AM(LW/MW/SW)/FM STEREO WORLD WIDE RECEPTION** provides accurate reception with stereo FM capability over a wide range of frequencies from LW and MW(AM) to SW and FM; Band Pass Filter automatically switches to the Short Wave band in accordance with the frequency being received and effectively reduces interference from bands outside of the one being listened to
- **PLL QUARTZ FREQUENCY SYNTHESIZED TUNING** is an extremely accurate method of tuning, with optimum stability that reduces drift to a minimum
- **SSB (SINGLE SIDE BAND) CIRCUITRY** for optimum multi-mode reception and reduced interference on narrow AM bands for better overall sound
- ▲ **SYNCHRONOUS DETECTION CIRCUITRY** reduces fading and annoying "beat" frequency interference from adjacent stations as well as distortion due to fading in AM reception
- **10-KEY DIRECT ACCESS™ TUNING** lets you key in distant stations directly by their frequency number, with the ease of using a pocket calculator
- ▲ **MANUAL TUNING** via the smooth, rotary dial provides for precise station reception and allows you to change the tuning interval from Fast (1kHz) to Slow (5kHz)
- ▲ **AUTO SCAN TUNING** brings in available stations one at a time, and lets you listen for a few seconds before deciding to let scanning continue or hold on any station
- **162 STATION MEMORY PRESET TUNING** lets you quickly and easily tune in stations that have been saved in memory, by selecting on of the five Station Names on each Preset Page
- **TUNING PAGES** (up to 20) each contain five Station Names designated by up to six characters (i.e. BBC) for 100 Station Names in total. Each Station Name can hold up to 10 frequencies in memory to a maximum of 162 memorized frequencies
- **QUICK PAGES** for fast preset tuning of your most frequently listened-to stations, hold two pages with five Station Names or five frequencies, for a total of 10 stations
- **TIMER PAGE** stores up to five stations or frequencies for timer operation, such as turning the radio on or off at a specified time, for unattended recording off the air, or to wake up to the radio
- **BACKLIT LCD DISPLAY WITH CONTRAST ADJUSTMENT** for highly visible read-out of frequency, Station Name, signal meter, clock, and all other radio operating functions
- ▲ **BUILT-IN CLOCK WITH SLEEP TIMER** automatically turns the radio off after 15, 30, or 60 minutes and can act as an alarm that wakes you to a pre-selected station
- **UNIVERSAL TIME COORDINATOR (UTC)** for setting the current local time and the time-difference between your location and any other in the world
- **WORLD TIME SCALE** provides a fast, visual map reference of current time anywhere around the globe
- ▲ **KEY PROTECTION CIRCUITRY** protects against accidental changes to preset station settings

▲ **JACKS** include stereo earphone and tape recording outputs

- **LARGE 4" SPEAKER** provides wide range sound with separate bass and treble controls for optimum reception of voice or music broadcasts
- **TILT STAND** is built-in for convenient use on a table or desktop
- **BUILT-IN ANTENNAS** include ferrite bar antenna for AM and LW, telescoping antenna for FM and SW
- **EXTERNAL ANTENNA INPUT** is provided to connect the supplied Short Wave compact antenna for improved reception
- **STEREO HEADPHONES** are supplied for the best sound from FM stereo broadcasts and for private listening

## specifications

**SIGNAL CIRCUITRY:** FM: Superheterodyne  
AM: Dual Conversion Superheterodyne

**FREQUENCY RANGE:** FM: 76.5-108 MHz  
LW/MW/SW: 150-29999kHz

**ANTENNA SYSTEM:** LW/AM: Built-in Ferrite Bar Antenna  
SW/FM: Telescoping Antenna

**INPUTS:** External Antenna

**OUTPUTS:** Stereo Headphone (Stereo Mini jack)  
Recording Output (mini jack)

**SPEAKER:** 4" (10cm)

**POWER REQUIREMENTS:** 6V DC  
"C" Batteries x 4 (optional)  
120V, 60Hz with AC Adaptor, supplied

**BATTERY LIFE (APPROX.):** FM Reception: 45 hours  
AM Reception: 32 hours

**DIMENSIONS (WHD):** 10 <sup>7</sup>/<sub>8</sub>" x 6 <sup>13</sup>/<sub>16</sub>" x 1 <sup>13</sup>/<sub>16</sub>" (276 x 172.5 x 46.5mm)

**WEIGHT:** 3 lbs 4 oz (1.48kg) with batteries

**SUPPLIED ACCESSORIES:** AC Power Adaptor, Stereo Headphones, Carrying Belt, Compact Shortwave Antenna, External Antenna Connector, "Wave Handbook", "How to Catch the Wave" Guide

**OPTIONAL ACCESSORIES:** AN-1/AN-102 LW/MW/SW Wide Range Antenna

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Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.