

Kchibo Radio

www.tecsunradio.com

Kchibo KK-D6110 DSP full-band stereo
digital turning Radio English manual



Descriptions:

1. KK-D6110 is a powerful, full-band appearance of steady and generous DSP radio.
2. Specially design for radio enthusiasts to increase the DIY function. The machine uses digital signal processing technology, transport.
3. Software programming which can achieve the function of each radio. Such as receive more stable, especially to receive Long-distance broadcasting.
4. Since the machine has more features and reception, a corresponding complexity in operation.

5. Digital filter design with high selectivity and anti-imaging stations.

Interference ability:

1. Dual 16Bit DAC with low distortion audio output.
2. Use a wide range of multi-stage AGC circuit, the better strong signal interference suppression.
3. 1dB resolution of the antenna signal strength indicator input.
4. Built-in high-speed MCU circuit (acting on the AGC AFC IIC PGA).
5. Full-band auto-tuning circuit design, debug, which is automatic high-sensitivity receiver.
6. Professional radio, amateur radio adds specially designed for DIY features.

Built-in FM frequency coverage options:

AM / FM station memory clear function,

AM / FM sensitivity is 15 level

Am adjustable bandwidth,

Jog Dial speed button: Mw step 9KHz (1KHz/9KHz) /
10KHz (1KHz/10KHz),
SW step 0.001MHz/0.005MHz,
FM step 0.05MHz/0.1MHz.

Large-screen high-definition dot matrix display, work status at a glance.

Receive FM (campus radio), medium wave and short wave band program.

Used by the U.S. special software radio digital signal processing chip, the performance is good, then

Receive reliable, no frequency drift.

Select units with five ways:

1. Computer memory 900 pre-selected stations (each band can store 300 stations)
2. Manual search radio station
3. Automatic search radio stations
4. Manual tuning Shuttle
5. Radio frequency direct input

AM / FM frequency directly or fuzzy input, AM frequency input accuracy up to 1KHz.

Scanning storage, while scanning the radio frequencies in order to save automatically.

Input station sites can be saved directly into the radio address, quick access to the radio.

Alarm function, convenient time to listen to radio programs or as an alarm clock.

Built-in electronic volume control circuit 40, and the machine will automatically store your memory

Set the volume.

FM stereo, and distribution of high-quality hi-fi stereo headphones, the sound more beautiful and moving

Listen, there are sound effects.

The use of three AA batteries and an external power supply.

Radio Buttons Display



Specifications:

- Frequency Modulation (FM) :87-108 MHz
:64-108 Mhz (DIY)
- AM (MW) :522-1710KHz (9KHz step)
:520-1710KHz (10KHz step, DIY)
- Shortwave (SW): 2.30-21.85 MHz

- The number of radio frequency memory (total 900)
- FM (FM) :300
- MW (medium wave) :300
- SW (short wave): 300

Sensitivity:

- Noise limited sensitivity
- Frequency Modulation (FM) is better than 3 V
- AM (MW) than 2.5mV / m
- Shortwave (SW) is superior to 20 V

SNR:

- Single signal selection is better than 40dB
- FM signal to noise ratio: better than 55dB
- MW signal to noise ratio: better than 45dB

Power output:

- Power: DC 5 V
- Built-in Battery: 3 AA batteries
- External Power: 5V 300mA
- Maximum current consumption: less than 250mA
- Maximum output power: 100mW

Stereo separation: 25dB

Machine speaker: Φ 57mm / 16 Ω /0.25W

External headphone: Φ 3.5mm 32 Ω

Size: 140 x 88 x 26mm

Weight : 190g (without batteries)