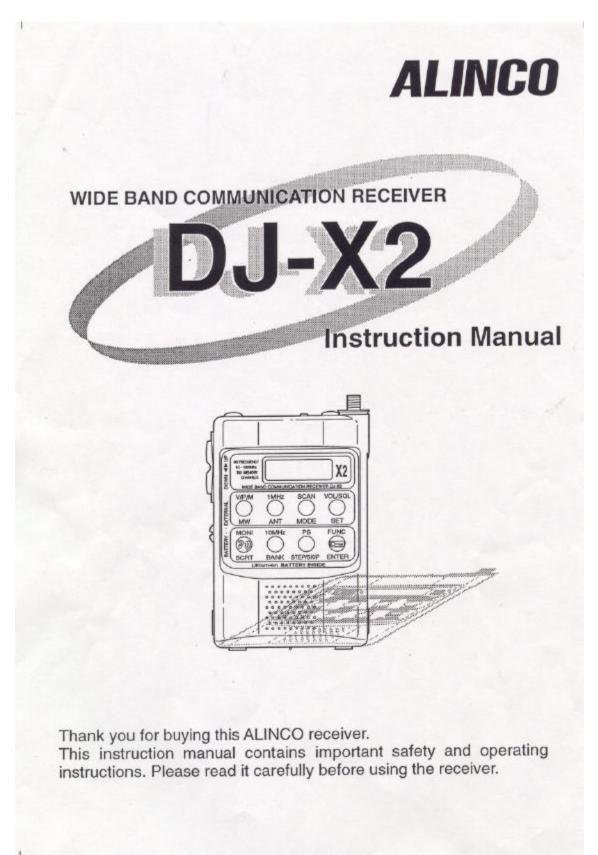


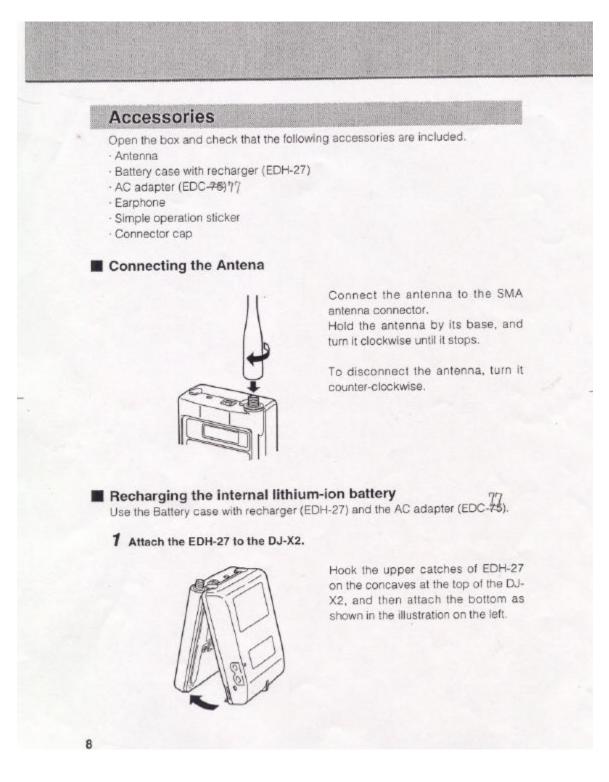
APPENDIX H:

MANUAL











2 Connect the AC adapter's plug to the external power supply jack on the EDH-27.

3 Connect to the AC outlet.

Recharging lamp on the EDH-27 lights, and recharging starts.

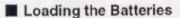


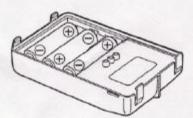
- It takes about 2 hours to fully charge the battery. (The required time depends on the condition of the lithium-ion battery.)
- Irrespective of the position of the battery selection switch, charging can be executed.
- Normally, the lithium-ion battery can be charged up to 500 times.

Caution!

- Turn the DJ-X2's power OFF before recharging the lithium-ion battery.
- · Disconnect the AC adapter from the outlet while not using it.
- · Never charge the battery of other manufacturers with this AC adapter. · Never short-circuit the recharging terminals with metal objects. The
- recharger can be damaged.
- . The recharger does not work when the voltage from the outlet is extremely low.
- Charging should be conducted in a temperature range of 0 to 40°C. (32 to 104°F)







AA batteries are also available instead of the internal lithium-ion batery.

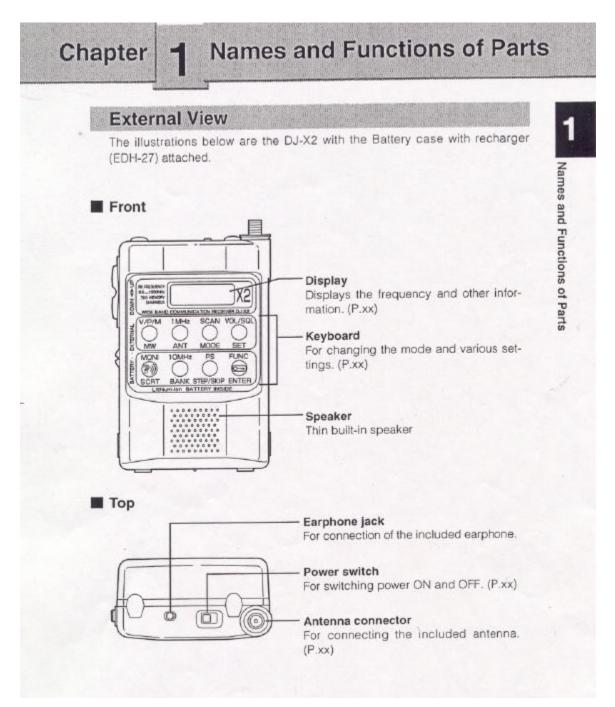
Load three AA batteries into the battery case with recharger (EDH-27) as shown on the left.

Caution!
Do not reverse the polarity of the batteries.
Use new batteries of the same type and brand.

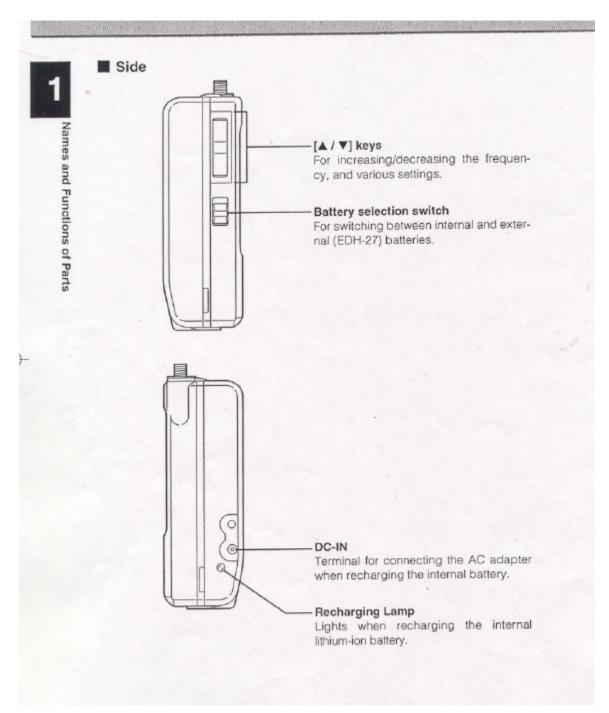


Following functions extend the battery life. Auto power OFF (P.xx), Battery save (P.xx)











| Ke | yboard | |
|------------------------|------------------------|---|
| | | |
| | Key | Function |
| 0 | [V/P/M (MW)] key | Switches the operating mode. (P.xx) When "F" is displayed, programs and clears the memory channels. (P.xx) |
| ٢ | [1MHz (ANT)] key | In VFO mode, pressing the [▲/▼] while this key is held down increases/decreases the frequen- cy by 1 MHz-step. (P.xx) When "F" is displayed, switches the type of antenna. (P.xx) |
| 3 (f) (f) (f) | [SCAN (MODE)] key | Executes the scan. (P.xx) When *F* is displayed, switches the wave type. (P.xx) |
| | [VOL/SQL(SET)] key | Adjusts the audio volume and squelch level. (P.xx) When "F" is displayed, switches the item of the setting mode. (P.xx) |
| | [MONI (SCRT)] key | Squelch unmutes while this key is held down. (P.xx) When "F" is displayed, used for descrambling the voice. (P.xx) |
| | [10MHz (BANK)] key | In VFO mode, pressing the [▲/▼] while this key is held down increases/decreases the frequency by 10 MHz-step. (P.xx) Switches the preset and memory bank. |
| Ð | [PS(STEP/SKIP)] key | Used for selecting the channel of the program scan, and starting it. (P.xx) When "F" is displayed, sets the tuning step and memory skip. (P.xx) |
| (8) | [FUNC/ENTER] key | Used for starting and fixing various kinds of setting. Locks the key operation. (P.xx) |



| Dis | play |
|------------------|--|
| CONTRACT/PROFILE | illustration below, all indications are displayed. |
| | |
| | |
| | Descriptions |
| 1 | Displays the bank No. of programmed memory. |
| 2 | Appears when you press the [FUNC/ENTER] key. |
| 3 | Displays the wave type. |
| ٩ | Appears when executing the Memory skip. |
| 6 | Appears when the Attenuator is ON. |
| | Appears when the keys are locked. |
| 6 | Appears when the battery is exhausted. |
| © | - Abbiente |
| - | |
| 0 | Appears when using the bugging detector. Flashes when descram |
| () () | Appears when using the bugging detector. Flashes when descram bling the conversation. |

IEnory Link

14



Chapter

COMPANY NAME: ALINCO, INC. EUT: DJ-X2R WORK ORDER NUMBER: 2000253 FCC ID: EUG DJ-X2R

2 Basic Operation

Easy Mode and Expert Mode

The DJ-X2 has two modes; Easy mode and Expert mode.

In Easy mode, key operations are limited, and you can operate the DJ-X2 easily. On the other hand, you can operate many useful functions in Expert mode. If you are a beginner, operating in Easy mode is recommended. After understanding the basic operation in Easy mode, try to operate other functions in . Expert mode.

(The factory setting is Easy mode.)

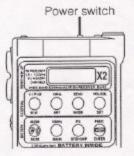
This chapter explains the basic operation of the DJ-X2.

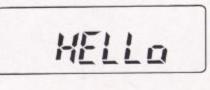
Basic Operation

Power Switch

Before turning the power ON, check the position of the Battery selection switch. EXTERNAL (upper) When using external batteries (EDH-27). BATTERY (lower)-------When using internal lithium-ion battery.

To turn the power ON, slide the power switch to "PWR ON" (right). "HELLo" will appear on the display. (The indication may be defferent from the illustration below depending on the version: North America or Europe.)







Tip

When the lithium-ion battery is charged, you can operate the DJ-X2 without the battery case (EDH-27).

Caution!

Be sure to turn the power OFF when switching the the Battery selection switch.





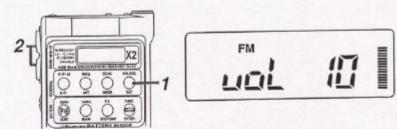
Basic Operation

Adjusting the Audio Volume

1 Press the [VOL/SQL (SET)] key. "voL" will appear on the display.

2 Adjust the audio volume by pressing [▲ / ▼] keys.

There are 21 levels of audio volume. (00-20) The higher the value is, the larger the audio volume is.



3 Press the [FUNC/ENTER] key.

If the DJ-X2 does not sound ...

When the squelch closes, the DJ-X2 dose not sound even if you increase the value of audio volume. For more information, see the next section.

Squelch

The squelch silences the DJ-X2 except for signals above a certain level. Squelch eliminates the noise when the DJ-X2 receives less than a certain level. "To unmute the squelch" means that the DJ-X2 receives the signal and reproduce the sound.

Conversely, "to close the squelch' means that the DJ-X2 does not sound because of insufficient level of signal.

Adjusting the Squelch Level

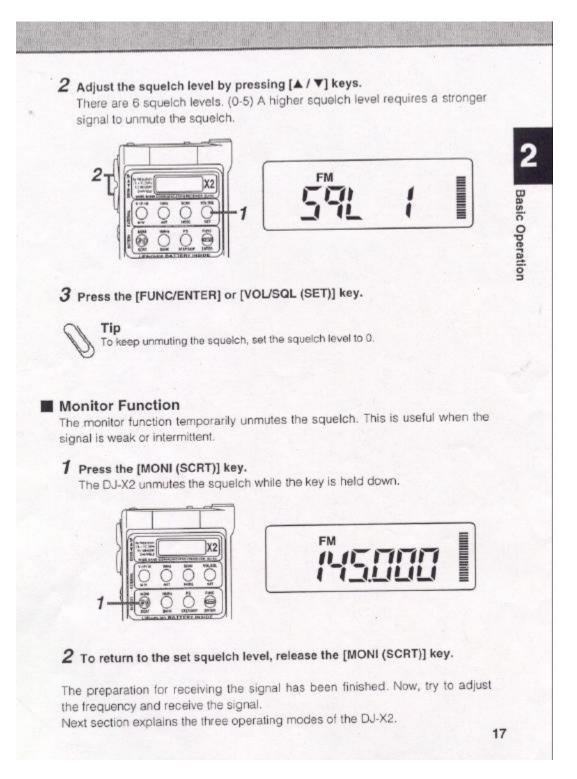
You can specify the signal level that the DJ-X2 unmutes the squelch by adjusting the squelch level.

1 Press the [VOL/SQL (SET)] key twice.

"SqL* will appear on the display.









Basic Operation

Operating Mode

The DJ-X2 has three operating modes; VFO mode, Preset mode, and Memory (MR) mode.

| VFO mode | -VFO mode allows you to change the fre- |
|----------|--|
| | quency by [▲ / ▼] keys. |
| | The frequencies of AM radio, FM radio, and |
| | The hear ant You can call them up |

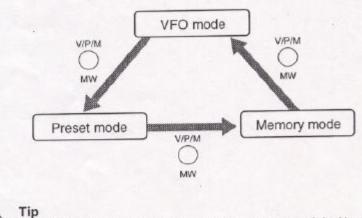
| | TV have been set. You can call them up. |
|-------------|---|
| Memory mode | You can call up and operate on a previously |
| | programmed frequency. |

Tip

In Easy mode, you cannot program the frequency. To program the frequency, switch the DJ-X2 to Expert Mode. For more information, see "Switching to Expert Mode" (P.xx) and "Memory Function" (P.xx).

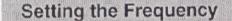
Switching Between Modes

Every press of the [V/P/M (MW)] key changes the operating mode as shown below.



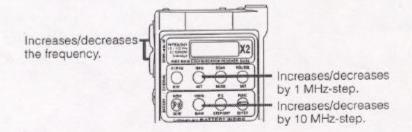
When nothing is programmed in Memory mode, Memory mode is skipped.





In VFO mode

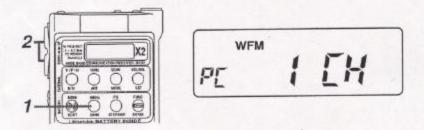
- Every press of the [▲ / ▼] keys increases and decreases the frequency by a tuning step.
- To increase/decrease the frequency by 1MHz-step, hold down the [1MHz (ANT)] key, and press the [▲ / ▼] keys.
- To increase/decrease the frequency by 10MHz-step, hold down the [10MHz (BANK)] key, and press the [▲ / ▼] keys.



In Preset mode

7 Select a band by pressing the [10MHz (BANK)] key.

Every press of the [10MHz (BANK)] key changes the band as shown below: AM radio \rightarrow FM radio \rightarrow TV \rightarrow AM radio \cdots .



2 Increase/ decrease the frequency by pressing the [▲ / ▼] keys.

Tip When selecting AM radio, "AM" appears on the upper part of the display. When selecting FM radio or TV, "WFM" appears on the upper part of the display, and the frequency of FM radio or channel of TV is displayed below.



2

Basic Operation



Specifications

General

| General | |
|---------------------|---|
| Operating range | : 0.522 - 999.995 MHz 7 824.000~ 849.995 MHz |
| Receiving range | : 0.522 - 999.995 MHz 1869.000~894.995MHz 体安信出来主体。 |
| Wave type | : FM, WFM, AM |
| Ant. impedance | : 50Ω |
| Ant. terminal | : SMA |
| Supply voltage | : DC 3.8V (internal lithium-ion battery) |
| | DC 4.5V (when using EDH-27) |
| Ground | : Negative ground |
| Current consumption | : Reception: approx. 80 mA |
| | Battery save (1:4): approx. 25 mA |
| Temperature range | : -10 - +60°C (+14 - +140°F) |
| Frequency stability | : ±5 ppm (-10 - +60°C) (+14 - +140°F) |
| Dimension | : 58 (W)×90 (H)×15 (D) mm (without projections) |
| | (2.28 (W)×3.54 (H)×0.59 (D) in.) |
| Weight | : Approx. 85 g (Lithium-ion battery inclusive) |
| | (Approx. 3 oz.) |
| Receiver | |
| System | : Triple-conversion superheterodyne |
| First I.F. | : 248.45 MHz |
| Second I.F. | : 38.85 MHz |
| Third I.F. | : 450 kHz |
| Selectivity | : AM/FM -6 dB/12 kHz or over, -60 dB/30 kHz or less |
| | WFM -6 dB/150 kHz or over |
| | |