6. INSTRUCTION MANUAL

Transmission / BatteryLamp

Port of Mic./ Speaker

Volume Control / Power On/Off

PTT Button

Monitor Button

Charging Port

Ch. Up/Down Button

Call Button

NEXTRON
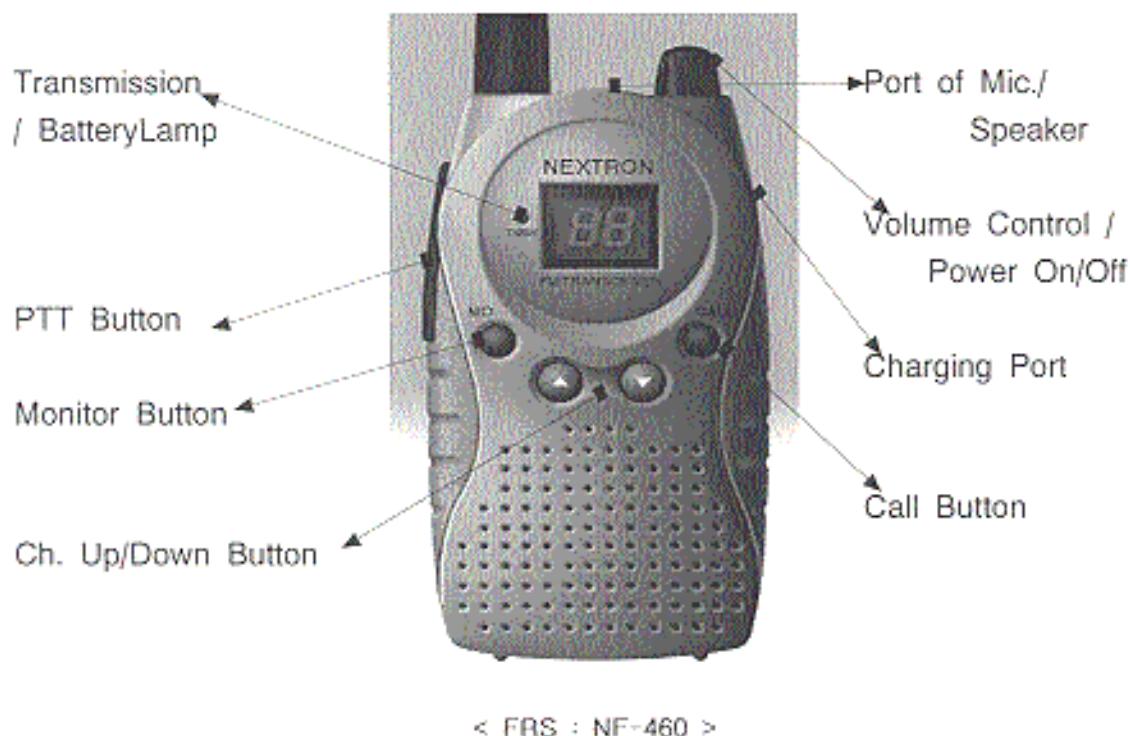
< FRS : NF-460 >

6.1 Power On/Off and Volume Control :

Turning on your NF-460 & Volume Control

Rotate On/Off volume control (◎) clockwise to be On and control the volume of speaker. then the LED will go through 1(one) second self-test and there goes to the operational mode.

NOTE Before power-on, you should check the following points,

① Check if the battery is installed firmly on the equipment.

② Check if the ANT is installed firmly on the equipment.

③ After the power is on, the radio is in RX stand-by mode and ready for Transmission.

6.2 TX/BATT Lamp :

Transmission & Battery Low Indicator

After a desired channel number is selected, while holding the PTT button, call up the partner station. At this time TX/BATT lamp lights RED color. When in normal use, if TX/BATT lamp may be blinking, this is a warning to you that your batteries are getting low. Replace alkaline batteries as soon as possible and/or recharge NiMH battery pack.

6.3 Ch. Up/Down (▲/▼) Button

Select Main Channel (1 ~ 14)

Select your wanted channel by pushing and releasing Up/Down (▼/▲) button. then increase one step by one step.

6.4 Call (○) Button

Calling Another Party

To alert another party that you wish to communicate,

① Select desired channel by pushing and releasing Up/Down (▲/▼) button.

② Push and release Call (○) button. The unit you are calling will hear a 2 second ring tone.

NOTE Both the calling and receiving units must be on the same channel for the call function to work

6.5 PTT (□) Button

Talking To Another Party / TX Mode

To send your outgoing message,

① Push and hold PTT (□) button.

② Hold mic. about 2 inches from mouth and speak in a normal voice.

③ Release PTT (□) button and listen to response.

NOTE While PTT (▢) button is depressed, you cannot receive incoming calls.

Listening To Another Party / RX Mode

When talking finished,

Release PTT (▢) button to receive incoming call. Your NF-460 is always in listening(RX) mode, when PTT (▢) button is not pressed.

6.6 Monitor (◯) Button

To monitor and receive even weak signal, you can press MO (◯) button, but the noise will be accompanying.

Monitor function works only at receiving mode.

6.7 Advanced Feature

Auto Squelch

Your NF-460 is equipped with Auto Squelch, which automatically shuts off weak transmissions and unwanted noise due to terrain conditions or if you have reached your range limit.

NF-460 Range

Your NF-460 radio has a range of up to 2 miles. this effective range can be shortened under some conditions.

NOTE Range is dependent on battery condition and terrain condition.

External Microphone / Speaker jack

Your NF-460 radio can be fitted with a jack for an external microphone/speaker (optional) freeing your hands for other tasks.

Remove the cap on the upper side and plug the external mic. / speaker's connector into the mike and speaker jack.

Auto Battery Saver Circuitry

When no use of NF-460 or no pressing any button, about 5 seconds later, LED display will be off automatically in order to save the battery capacity. However, when pressing any key or receiving any signal, it will operate.

Battery Charging

When charging, only wall charger (exclusive use) supplied by NEXTRON should be used in order to make safe against NF-460.

① When charging, you should charge the battery in state of power off.

② Charging port is located in the right side of NF-460, Put the external adapter into charging port of NF-460. It takes 10 hours to be recharged.

③ Install battery : Pull lack tab down and lift battery cover up to remove it. And insert and position batteries according to polarity markings.

NOTE Incorrect positioning can damage both the batteries and the unit.

NOTE When recharging, only NiMH battery should be used, If you try to charge NF-460 with alkaline battery, it is possible to cause break-out of fire and explosion of alkaline battery.

6.8 Frequency Ranges

FRS Channel	Channel Frequency in MHz
1	462.5625
2	462.5875
3	462.6125
4	462.6375
5	462.6625
6	462.6875
7	462.7125
8	467.5625
9	467.5875
10	467.6125
11	467.6375
12	467.6625
13	467.6975
14	467.7125

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