

Instruction Manual

SAMCOM Digital Wireless Intercom FTAN20AA/FTAN20AB



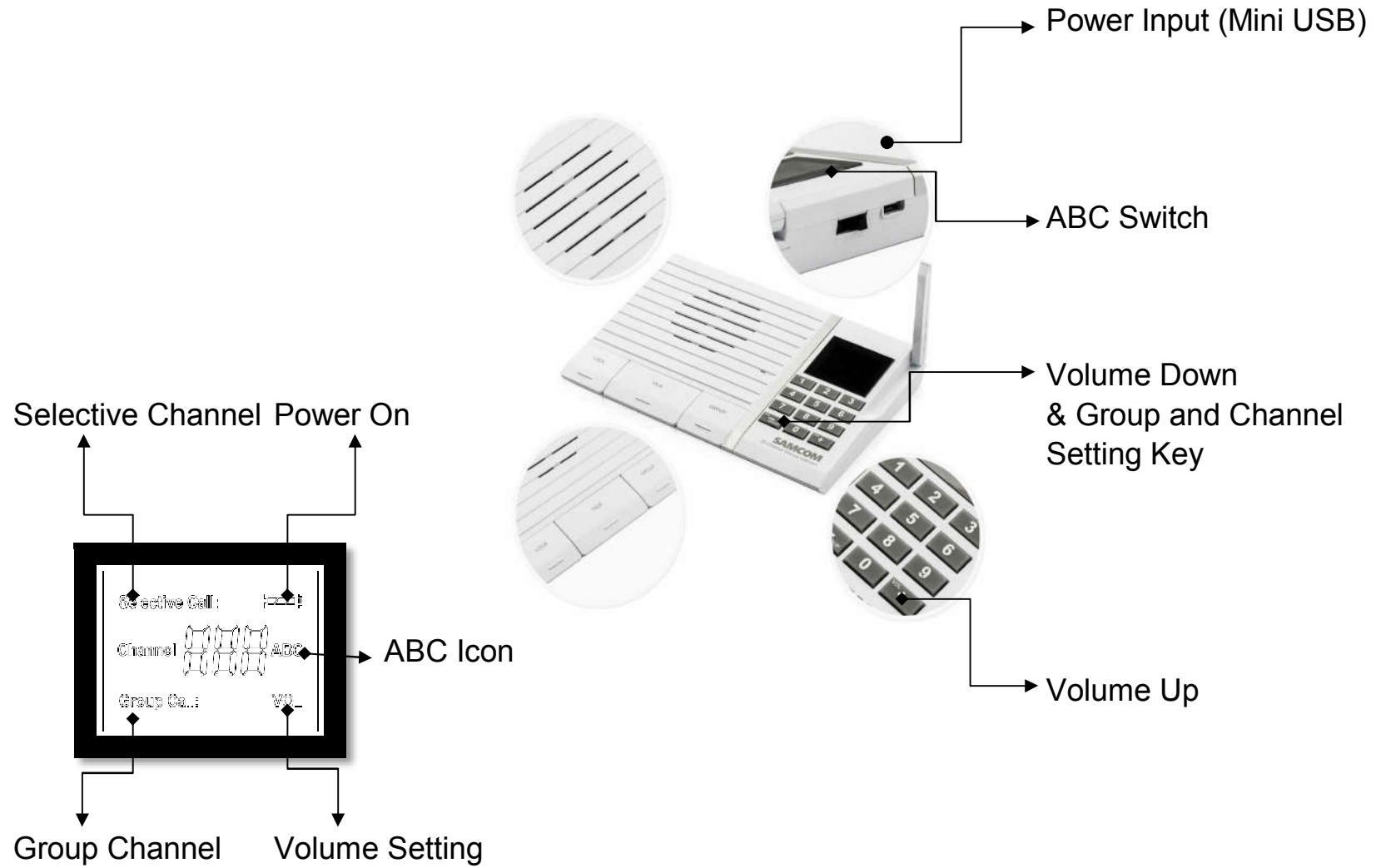
Features of FTAN20A

- One-to-One communication between rooms in your home or office.
- One-to-Many communication for calling family or office members delivering announcements or emergency calls
- This device can communicate with specific types of handhold intercoms for instructing and dispatching mobile personnel.
- Ceratin mobile power supply types can be used for this device.



Sancon Inc.

Get Acquaint



Set up Instruction

1. Plug in and power on the device.
2. Set a different number for each device.

Press and hold the "-" button for 5 seconds and you will hear the sound "Du" then LCD will indicate "Group Call 0" and you will see a flickering "0". Press the LOCK TALK or GROUP anyone button to go to the Channel number setting, and the LCD will display "Channel 1" with a flicking "1". Select and press the number you want to set using the keyboard (1-19 numbers available for setting). and press one of the buttons LOCK TALKE or GROUP again to complete the set up.

3. Place the devices to the corresponding rooms for use.

Operation

● One-to-one

Select and press the number of the person you want to talk with, and the LCD will display "Selective+ the number you have pressed"

1. Press "TALK" to talk, and the receiver will hear your voice when you release the button. The receiver can answer or start a new conversation using the same method above.
2. Tap "LOCK" to talk without pressing and holding the button, and press "LOCK" again after talking. The receiver can answer or start a new conversation using the same method.

Notes: The LCD display turns red text during transmitting status. The LCD display returns to white text during receiving status

● One-to-many

Press "Group" to talk. During the communication all other devices can hear you when the LCD display turns red text

- **Infant and elderly monitor (10 Hours)**

Go to the room you want to monitor. And press your own number and the LOCK button. Then the LCD display will turn red and indicate " Selective + your own number" after the above operation. You will hear any sound from the room you want to monitor and this status will continue for 10 hours. you can repeat this if you would like to continue monitoring for more than 10 hours.

- **Adjusting the volume**

Fast press "+" or "-" to adjust the volume.

- **ABC Stall switch**

All intercoms are originally set to A. If another person is also using A, or if there is interference on this frequency, you may switch all devices to B or C.

- **Change the GROUP number and Channel number**

The GROUP number set to "0" as default, Normally you need not change it. If you find that the GROUP number is being used by others or if interference is present. The method to change the GROUP number is as follows:

Refer to set up instruction,

Press and hold the "-" button for 5 seconds and you will hear the sound "Du" then LCD will indicate "Group Call 0" and you will see a flickering "0". Press the LOCK TALK or GROUP anyone button to go to the Channel number setting, and the LCD will display "Channel 1" with a flicking "1". Select and press the number you want to set using the keyboard (1-19 numbers available for setting). and press one of the buttons LOCK TALKE or GROUP again to complete the set up.

TROUBLE SHOOTING

● **Faults during start-up**

- 1) Check whether the power supply or power cable properly plugged in
- 2) When the device is being plug in , do not press the button LOCK, TALK or GROUP.
- 3) Check whether the power outlet has power or if the plug of the device is properly connected to the power outlet.
- 4) Check whether the power code is defective by connecting to other devices.

● **Noise, no sound or other sound interference.**

- 1) Re-plug in the device you can hear "Di" sound
- 2) The distance between two devices should be over 2 meters and turn down the volume to decrease interference
- 3) The distance of the device with other electrical equipment should be more than 1 meter, in order to avoid interference from the electrical equipment.
- 4) Do not lay the power cable on the surface of the device.
- 5) Change to a new channel number.

● **Connection failure or the receiver hears no voice**

- 1) Check whether all device are set in A, B or C.
- 2) Check whether the devices are in the same Group number. If not re-set all devices to the same group number.
- 3) Ensure that the correct communication button is pressed by the speaker and that the LCD display becomes red text.
- 4) If the "LOCK" button should be pressed again after speaking, otherwise the person on the other side will not be able to speak through the device.

IMPORTANT PRECAUTION

Note the following important precautions before using INTERCOM for the first time.

- This INTERCOM contains precious electronic components, Avoid temperature extremes during use storage, and do not subject it to strong impact.
- Avoid using it in area where it might come into direct contact with liquids and avoid very high humidity.
- Never try to open the INTERCOM or take it apart. Doing so can lead to serious damage and malfunctions
- Clean the unit by wiping it with a soft dry cloth. You can also use a soft cloth moistened with a weak solution of a mild neutral detergent and water. Wiping as much liquid as possible from the cloth before wiping the INTERCOM. Never use thinner, benzene, or other volatile agents. or alcohol to clean the unit.
- Do not use allow the unit to be exposed to direct sunlight, heat from the heaters, or other source from heat (greater than 60 degree C).

CHANNEL NUMBER WITH FREQUENCY

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	462.6625	7	467.5625	14	462.7250
1	467.7125	8	462.7125	15	462.7000
2	467.6875	9	462.6875	16	462.6750
3	467.6625	10	462.6375	17	462.6500
4	467.6375	11	462.6125	18	462.6250
5	467.6125	12	462.5875	19	462.6000
6	467.5875	13	462.5625		

THE FCC WANTS YOU TO KNOW

Your intercom might cause TV or radio interference even when it is operating properly. To determine whether your intercom is causing the interference, turn off the stations, if the interference goes away, your intercom is causing the interference. Try to eliminate the interference by: Moving your stations away from the receiver.

Connecting your stations to an outlet that is on a different electrical circuit from the receiver.

If you cannot eliminate the interference, the FCC requires that you stop using your intercom.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located for operating in conjunction with any other antenna or transmitter.

Important: Do not hold down CALL for more than 10 seconds. The FCC does not allow you to send a continuous tone for more than 10 seconds at a time on FRS frequencies.

The user manual must include information stating that operation on GMRS frequencies requires an FCC license, and such operation is subject to additional rules specified in Part 95 including prohibited communications in Section 95.183

(a) A station operator must not communicate:

- (1) Messages for hire, whether the remuneration received is direct or indirect;
- (2) Messages in connection with any activity which is against Federal, State, or local law;

- (3) False or deceptive messages;
 - (4) Coded messages or messages with hidden meanings (“10 codes” are permissible);
 - (5) Intentional interference;
 - (6) Music, whistling, sound effects or material to amuse or entertain;
 - (7) Obscene, profane or indecent words, language or meaning;
 - (8) Advertisements or offers for the sale of goods or services;
 - (9) Advertisements for a political candidate or political campaign (messages about the campaign business may be communicated);
 - (10) International distress signals, such as the word “Mayday” (except when on a ship, aircraft or other vehicle in immediate danger to ask for help);
 - (11) Programs (live or delayed) intended for radio or television station broadcast;
 - (12) Messages which are both conveyed by a wire line control link and transmitted by a GMRS station;
 - (13) Messages (except emergency messages) to any station in the Amateur Radio Service, to any unauthorized station, or to any foreign station;
 - (14) Continuous or uninterrupted transmissions, except for communications involving the immediate safety of life or property;
 - (15) Messages for public address systems.
- (b) A station operator in a GMRS system licensed to a telephone answering service must not transmit any communications to customers of the telephone answering service.

