Instruction Manual

SAMCOM Digital Wireless Intercom FTAN30AA

Model:FTAN30AA, FTAN10AA, FTAN10AB,
FTAN10AC, FTAN20AA, FTAN20AB,
FTAN20AC, FTAN30AB, FTAN30AC

Features of FTAN30AA

● One-to-One communication between rooms in your home or office.
● One-to-Many communication for calling family or office,
  delivering annonouncements or emergency calls
● Baby Monitor Function
● VOX Function
● 2200mAh Battery Capacity
● Connect ability to other hand held two way radio.

Sancon Inc.

Get Acquaint
Description of Buttons and Keys

ABC Switch ←————————————————→ DC Input (Mini USB)

Antenna

Power ON/OFF

20-Channel Wireless Intercom

SAMCOM

Function Button   Monitor Button   Mic

Set up Instruction

1. Put down Power button for 5 seconds and power on the device.

2. The function button and display will be lighted. If no light please plug in power cable for charge it. After ten minutes Then put down power button once again.

3. Set a different number for each device.

Press and hold the "-" button for 3 seconds and you will hear the sound "Di" then LCD will indicate "Group Call 0" and you will see a flickering"0". Press the LOCK TALK GROUP or CALL 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 GROUP or CALL again to complete the set up.

4. 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 transimtting status. The LCD display returns to blue text during receiving status

3. Tap CALL" to ringing each other

● One-to-many

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

● VOX Function

The transmit operation can be initiated directly by voice without having to press any button.

Press down "MONITOR" both sides, The monitor button will get brighter, both sides can communcation with other party no need press any function button. But you need to pay attention to one side of the speech to complete the other party can speak

Remember to keep the monitor button as bright as it was, or any sound you make will be heard by the other side when the two sides are finished communication

● Monitor Function

Press down "MONITOR" in monitored room, Monitor button will get brighter, Set up same channel number as monitored room in monitor room, you can hear the voice from monitored room.

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

The GROUP number set to "0" as default, Normally you need not change it. 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:

Press and hold the "-" button for 3 seconds and you will hear the sound "Di" then LCD will indicate "Group Call 0" and you will see a flickering"0". Select and press the number you want to set using the keyboard (0-19 numbers available for setting). Press the LOCK TALK GROUP or CALL anyone button to go to the Channel number setting then press the LOCK TALK GROUP or CALL anyone button once again.

Change the Channel number

Refer to set up instruction

TROUBLE SHOOTING

● **Faults during start-up**

1) Check whether press the power button

2) Check whether low battery and plugged in power adapter

3) Check wheter 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) The distance between two devices should be over 2 meters and turn down the volume to decrease interference

2) The distance of the device with other electrical equipment should be more than 1 meter, in order to avoid interference from the electrical equipment.

3) Do not lay the power cable on the surface of the device.

4) 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		

Charging Equipment Notes

1. Do not expose the charger to rain or snow.

2. Chargers by severe impact, or has been dropped, or subject to any damaged, do not use again

3. Can not disassemble the chargers by severe impact, or has been dropped, or subject to any damaged.

4. Can not replace the original power cord and plug provided. If plugs and sockets do not match, please ask the qualified electrician to install an outlet to avoid electric shock.

5. To avoid damage to the power cord or outlet, holding and pull out the plug from the wall socket, do not pull the power cord

6. To avoid electric shock, pulling out the charger plug from the wall socket prior to maintenance or cleaning.

7. The use of non proposed or supply attachments may cause fire, electric shock or personal inju

8. Take care the power cord location, it should not be trampled, do not stumble, will not suffer damage or compression.

9. Can not replace the charger power cord. When the power cord is damaged, should immediately stop using the charger.

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.

FCC Warning

Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

RF Exposure complianceStatement and operating instructions

The device has been tested against the SAR limit (1.6W/kg). The highest SAR value reported under this standard during product certification for use at the worn on the body is 0.383W/kg. This device was tested for typical operations.
The device only supports simplex-mode and transmitting is no more than the rated duty cycle factor of 50% of the time. For hand-held operation, the radio should be held at least 5mm from the user's body.

Antenna Notices:
The device equipped with a detachable antenna. This radio transmitter (identify the device by
 certification number) has been approved by Industry Canada to operate with the antenna types with
the maximum permissible gain indicated. Antenna types not approved, having a gain greater than the
 maximum gain indicated for that type, are strictly prohibited for use with this device.