

Mosque Scanning Receiver

DFR-1956

User Manual

Version: V1.01

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Looking After Your Receiver

- Do not use the receiver in high moisture environments such as kitchen.
- Do not place the receiver near a television or refrigerator.
- Avoid placing the unit in direct sunlight or near heating elements or vents.
- Do not expose this unit to rain or moisture.
- Only use a wet cloth for cleaning this unit.
- Disconnect the power to the unit before cleaning.
- Do not attempt any repair. This unit has no serviceable parts.

- **Packing List**

Your DFR-1956 box contains the following items.



Receiver



AC Power adapter

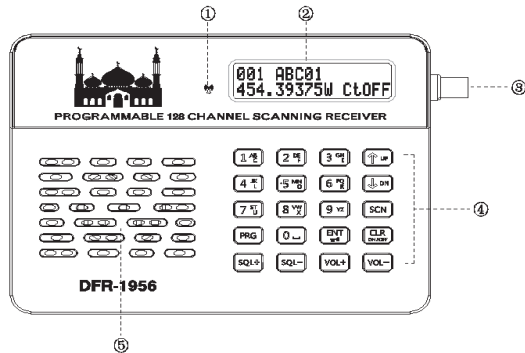


Telescopic Antenna

User Manual

1. Introduction

1.1 Front Panel

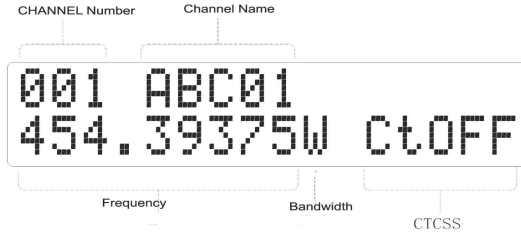


1. Power LED

This is the external power supply LED indicator.

2. LCD Display



Displays channel information, programming procedures and other interactive information.





3. Antenna Connector


BNC connector for Telescopic Antenna. Push and twist to lock the antenna. Extend the antenna to its full height for optimum reception.

4. Keypad

- ALPHA-NUMERIC Keys  to 

Use to input channel information when in programming mode. Also use to access channels directly using channel numbers.
- PROGRAM Key 

Use to enter channel programming mode.
- ENTER Key 

Use this key to confirm and save your operation/setting. Also use to lock and unlock the keypad.
- CLEAR Key 

Use this key to turn the receiver ON or OFF, erase input errors, delete channels and

quit an operation/setting without saving the changes.



Use this key to start and stop the channel scanning function.



Use these keys to go up and down the channels. In programming mode use these keys to scroll through bandwidth and CTCSS selection and to move the cursor. Also use these keys to change the direction of the scan whilst in scanning mode.



Use to increase or decrease the squelch level.

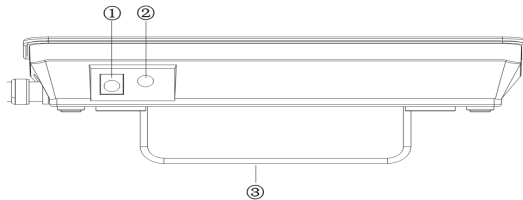


Use to increase or decrease the volume level.

5. Speaker

Internal 1 watt 8Ω high output speaker.

1.2 Top Side



1. DC Power Input

12V/500mA DC power input jack.

Ⓜ Only use AD 1956 AC-DC adapter to avoid damage to receiver.

2. External Speaker Input


Use to connect external speaker (optional) upto a maximum of 1 watt using 3.5mm stereo plug.

3. Stand Bracket



Use this bracket to position the receiver to the required angle when placed on a desk.

2. Operation



2.1 Power ON/OFF

Press and hold the  key to turn the receiver ON or OFF.

2.2 Volume Adjustment


Press the  key to increase the volume and  key to decrease the volume.

2.3 Squelch Adjustment

Press the  key to increase the squelch and  key to decrease the squelch.

2.4 Adding a Channel



To add a channel use the  or  key to go to the next FREE channel and follow these steps.

1. Press and hold the  key to enter the programming mode. The display will appear as below.



INPUT FREQUENCY

 .

2. Use the  to  keys to input the required frequency e.g. 454.39375 can be inserted by pressing the following keys:






3. Press the  key to save the frequency and the display will appear as below.





SELECT CTCSS
CT_OFF

4. Use the  or  keys to scroll to the desired CTCSS tone (if your mosque does not have a CTCSS tone please select CT_OFF) and press the  key. The display will appear as below.






SELECT BANWIDTH
WIDE

5. Use the  or  keys to scroll to the desired bandwidth and press the

-  key. The display will appear as below.



INPUT NAME



6. Use the  to  keys to input the channel name as you would do on a mobile phone and press the  key. This will save the channel and the display will appear as below.





001 ABC01
454.39375W CtOFF

Repeat steps 1 to 6 to add more channels.


2.5 Editing a Channel

To edit a channel please use the  or  key or input the channel number e.g. 008 to go to the desired channel. The display will show the previously stored Frequency Number, CTCSS, Bandwidth and Channel Name but this can be overwritten/ changed as required. Please follow steps 1 to 6 from ADD CHANNEL.

2.6 Deleting a Channel

To delete a channel please use the  or  key or input the channel number e.g. 008 to go to the desired channel and follow these steps.


1. Press and hold the  key to enter the programming mode.

2. Press the  key. The display will appear as below.

```
DEL CHANNEL?  
ENT=YES, CLR=QUIT
```



3. Press the  key to confirm deleting and to quit the programming mode.

2.7 Scan function

Press the  key to start the auto scan function. The display will appear as below.

```
001 ABC01  
SCANNING.....
```

All programmed channels will be scanned for active transmission. The scanning will stop on an active frequency and will remain on that channel as long as the transmission continues. The scanning cycle resumes when the active transmission stops.

The  and  keys can be used to change the direction of the scan.

Press the  key again to stop the scan function.

2.8 Priority Channel

Channel number 100 is the priority channel. Frequency programmed on this channel is continuously scanned in Scan and Normal Mode. If a transmission is detected on

the priority channel, the receiver automatically moves to this channel and remains on it until the transmission on the priority channel stops.

2.9 LCD and Keypad Backlight

The LCD and keypad backlight will automatically turn on when

- A transmission is received.
- The keypad is operated.




The backlight will automatically turn off after a few seconds of inactivity.

To set the LCD backlight colour.

1. Press and release the  key. The display will appear as below.




```
SET LED1  
1
```

- LED1 is the LCD backlight colour for standby mode.

Press the  or  key to select the desired colour and press  to save. The display will appear as below.


```
SET LED2  
1
```

- LED2 is the LCD backlight colour for receiving mode.

Press the  or  key to select the desired colour and press .


to save. The display will go back to normal.

2.10 Keypad Lock/ Unlock

Press and hold the  key to lock the keypad. This will prevent the operation of the keypad and the display will appear as below.



KEY LOCKED

Press and hold the  key to unlock the keypad and the display will appear as below.



KEY UNLOCKED