USER'S MANUAL

Alecto® FR-135

INTRODUCTION

The Alecto FR-135 is a PMR-446 walkie-talkie. This walkie-talkie allows you to not only communicate with each other free of charge, but also with other (Alecto) walkie-talkies provided they meet the PMR-446 standard.

DECLARATION OF CONFORMITY
I, Hesdo, hereby declare that the type of radio equipment Alecto FR-135 conforms to Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
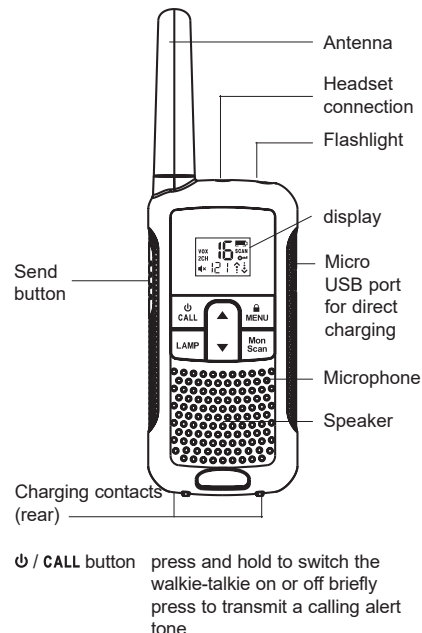http://DOC.hesdo.com/ FR-135-DOC.pdf

About this user's manual:

⚠️ This symbol represents a warning. To ensure safe use, always adhere to the instructions described in this documentation.

ℹ️ This symbol is followed by a user's tip.

Always check the Alecto website for the most recent version of this user's manual. See the version number at the back of this user's manual.
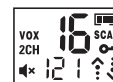
FUNCTION OVERVIEW

Antenna
Headset connection
Flashlight
display
Micro USB port for direct charging
Microphone
Speaker

Send button

Charging contacts (rear)

⏻ / **CALL** button   press and hold to switch the walkie-talkie on or off briefly press to transmit a calling alert tone

LAMP button   briefly press to switch the flash-light on or off

🔒/**MENU** button   press and hold to lock the key-pad briefly press to enter the settings menu

Mon/Scan button   press and hold to switch on the monitoring function (release this button to disable the function again) briefly press to switch the channel scan on or off

▲ ▼ button   to increase or decrease the reception volume and to select the desired option during setup

DISPLAY

16 = set transmission channel
121 = set subchannel
2CH = 2-channel scan is activated
SCAN = scan function is activated
VOX = VOX
🔋 = battery indicator
◀× = volume set to level 0 (no sound)
🔑 = keylock enabled
↕ = 'send' indication / ↕ = 'receive' indication

INSTALLATION

POWER:
The FR-135 is powered through the included rechargeable NiMH battery pack, size 3x AAA, voltage 1.2V.

1. First remove the belt clip by pressing the retaining clip backwards and then press the belt clip upwards out of the walkie-talkie.
2. Now open the battery compartment by pressing the tab at the bottom of the battery cover to up, the battery cover can then be removed.
3. Install the batteries according to the markings in the battery compartment.
4. Replace the battery cover onto the walkie-talkie.
5. Finally, slide the belt clip back onto the walkie-talkie.

CHARGING:
Insert the small low-voltage plug of the power adaptor into the rear of the charging station en plug the adaptor into a 230V 50Hz wall socket. Place the walkie-talkies into the charging station to recharge the batteries.

The battery icon in the upper right corner of the display scrolls while charging (▯ - ▮▯ - ▮▮ - ▮▮▮)

You may also recharge the batteries by inserting the small low-voltage plug of the power adaptor directly into the right side of the walkie-talkie.

You may keep the walkie-talkies switched on while charging.

REGULAR BATTERIES:
You may also install normal, non-rechargeable 1.5V AA batteries, but these cannot be recharged.

⚠️ When using regular batteries, NEVER connect the walkie-talkie to the charger or power adaptor.

HEADSET:
On top of the FR-135 you'll find the connection for a headset with a 2.5mm plug. We advise you to use an Alecto FRH-10 headset for this.

USE

ℹ️ Attention: for a connections between 2 walkie-talkies, both walkie-talkies must be set to the same channel, with the same subchannel. See further on in this manual how to set the channel and subchannel.

TO SWITCH ON/OFF:
Press and hold the ⏻ button for 3 seconds to switch the walkie-talkie on or off.

VOLUME CONTROL:
Repeatedly and briefly press the ▲ or ▼ button to adjust the volume.
At volume level 0 (no sound), the ◀× icon appears in the display.

TO TRANSMIT:
Press the 📶 button on the left side of the walkie-talkie to transmit. Keep this button depressed while speaking. Talk at a normal voice volume and approximately 3 to 5 cm from the walkie-talkie's microphone.
While transmitting, the send indicator ↕ appears in the display.

TO RECEIVE:
Release the 📶 button to receive.
While receiving a signal, the receive indicator ↕ appears in the display.

CALL ALERT TONE:
Press the **CALL** button briefly to transmit a call alert tone. This call alert tone is adjustable, see 'To change the call alert tone' further on in this manual.

BACKGROUND LIGHTING:
Each time you press a function button (except the button 📶, ⏻ / **CALL** or **LAMP**) the background lighting of the display will illuminate. This lighting will automatically switch off 10 seconds after pressing the last button

FLASH LIGHT:
Use the **LAMP** button to switch on the built-in flash light.
Press the **LAMP** button again to turn the light off. This function can also be used with the walkie-talkie switched off.

⚠️ Attention: never stare directly into the shining light nor point it at other people's eyes. The light can be bright and cause eye damage.

# ADDITIONAL FUNCTIONS

KEYPAD LOCK:
When the keylock is enabled, the ▲, ▼, **MENU** and **SCAN** buttons are blocked.
1. Press and hold the 🔒 button until after approx. 3 seconds '🔑' appears in the display
2. Press and hold the 🔒 button again for 2 seconds to unlock these buttons

VOX FUNCTION:
When the VOX function is enabled (VOX = Voice Activated Transmission), the FR-135 starts sending as soon as you speak into the microphone.

To switch the VOX function on/off:
1. Press 3x the **MENU** button, the word "VOX" will illuminate in the left part of the display
2. Use the buttons ▲ or ▼ to set the trigger sensitivity ('OF' is off, '1' is the lowest sensitivity, '3' is the highest sensitivity)
3. Press the 📶 button to confirm
Preferably, use this function in combination with headsets. Keep in mind that it can take over a second after you've started talking before the walkie-talkie enables the transmitter.

CHANNEL MONITORING: (listening)
Use this function to disable the noise reduction, allowing you to also listen to weak transmitters on the current channel.

1. Press and hold the **MON** button for 3 seconds to disable the noise reduction and to monitor the channel.
2. Release the **MON** button to turn the noise reduction on again.

CHANNEL SCAN:
Use the scan function to listen in on all channels one after the other.
1. Briefly press the **SCAN** button to start scanning.
2. Briefly press the ▲ or ▼ button to continue scanning if you're only receiving noise on a certain channel.
3. When the reception of the same channel keeps failing during the scan, you may remove this channel from the scan by pressing and holding the ▲ or ▼ button for 2 seconds. The scan will resume, but the selected channel will be skipped.
   • *Attention, you cannot remove a channel to which the walkie-talkie was set when the scan was started.*
   • *The next time you initiate a channel scan, all channels will be scanned again.*
4. Press the **SCAN** button again to end the scan.

2-CHANNEL SCAN:
Use the 2-channel scan to consecutively listen to the channel to which the walkie-talkie is currently set and a 2nd channel.
1. Press 5x the **MENU** button and the word "2CH" appears at the top of the display.
2. Use the ▲ or ▼ button to select the 2nd channel ('OF' means off).
3. Press the (⠿) button to confirm.
4. Repeat these instructions and select the option 'OF' in step 2 to disable this function.

SETTINGS

TO CHANGE THE SEND/RECEIVE CHANNEL:
1. Press 1x the **MENU** button and the channel indication starts flashing.
2. Press the ▲ or ▼ button to select the desired channel.
3. Press the (⠿) button to confirm.

TO CHANGE THE SUB CHANNEL:
By setting a sub channel, you won't be disturbed as much by other walkie-talkies transmitting on the same channel or by sources of interference on the same frequency.
1. Press 2x the **MENU** button and the sub-channel indication starts flashing.
2. Use the ▲ or ▼ button to set the desired sub-channel (1-121) or disable this function by selecting 0.
3. Press the (⠿) button to confirm.
Keep in mind that the walkie-talkie at the receiving end must be set to the same sub channel.

> [i] *Keep in mind that walkie-talkies with sub channel 0 can receive all signals on that channel, also when you've set a sub channel on your walkie-talkie.*

TO CHANGE THE CALL ALERT TONE:
You may choose from 10 different call alert tones and 'tone-off':
1. Press 3x the **MENU** button and 'CA' starts flashing in the display
2. Use the ▲ or ▼ button to set the desired call alert tone ('0' = 'tone off'), the selected tone will sound through the speaker for you to check
3. Press the (⠿) button to confirm

KEY TONES ON/OFF:
Key tones are the tones that sound upon pressing a button. You may switch these tones on or off as follows:
1. Make sure that the walkie-talkie is switched off.
2. Press and hold the ▼ button and depress the ⏻ button for 3 seconds to switch on the walkie-talkie.
3. If the key tones were enabled, they'll now be disabled, and vice versa.

ROGER BEEP:
If this function is enabled, a signal tone will sound at the receiving end as soon as you stop transmitting. The receiving person now knows when he or she can talk back.
1. Make sure that the walkie-talkie is switched off.

2. Press and hold the ▲ button and depress the ⏻ button for 3 seconds to switch on the walkie-talkie.
3. If the Roger beep was enabled, it'll now be disabled, and vice versa.

USER TIPS

GENERAL:
The FR-135 is a transceiver operating with radio waves on the 446 MHz band. The signal transfer could be disturbed by external influences such as other walkie-talkies, transmitters, wireless phones, etc.
If your walkie-talkie receives or causes interference, this is usually resolved by switching channel.

Use of this walkie-talkie is authorized in all EU countries. If you'd like to bring your FR-135 to countries outside the EU, refer to the local restrictions on the use of PMR446 equipment of the concerned country.

Keep in mind that the signal of the FR-135 may also be heard by walkie-talkies or receivers other than yours.
It's not allowed to make any changes to the electronics or to the antenna of the FR-135. Service may only be performed by qualified electricians.

Never use the FR-135 outdoors during thunderstorms.

POWER:
The battery symbol in the display indicates the charge of the inserted batteries.
- 🔋 Batteries full
- 🔋 Batteries 1/3 full, a double beep tone is emitted every 10 minutes, please recharge or replace now

Only recharge the included rechargeable batteries by placing the walkie-talkies onto the supplied charger or by connecting the power adaptor directly to the walkie-talkie.

RADIO CONNCTION:
The FR-135 has a range of up to 7km. This range depends on local conditions such as tall buildings, high voltage towers and overhead wires. An optimal range is achieved when the walkie-talkie has a free view of the receiver.

SUB CHANNEL:
A Walkie-talkie on which no sub channel is set can receive the signal from all handsets transmitting on the same channel. Talking back is possible only when you've set the same sub channel as the other Walkie-talkie.

MAINTENANCE:
- Only clean the FR-135 with a moist cloth.
- Never place the walkie-talkie in direct sunlight or in a humid environment.
- Prevent water and/or sand from penetrating the FR-135.
- In case of a failure, first check whether the FR-135 can be used at a different location.

ENVIRONMENT:
- 🗑 In case the baby video monitor is being replaced, please return it to your supplier; they will guarantee environment-friendly processing.
- Exhausted batteries can be returned to the supplier of these walkie-talkies or you may bring them to your local depot for small chemical waste.
- Never discard empty batteries or exhausted accumulators as regular household waste.

TECHNICAL SPECIFICATIONS

Operating frequency:	446.00625 MHz to 446.09375 MHz
Subchannelcodes:	38 CTCSS codes + 83 DCS codes
Power output:	<6.5dBm
Walky-talkie power:	3x 1.2V NiMH rechargeable battery, size AA or 3x 1.5V Alkaline battery, Size AA
Charger power supply:	5V/DC / 0.55A via adapter
Usage duration:	approx. 9 hours (5% transmitting) (5% receiving) (90% standby)
Headset connector:	2.5mm stereo
Range:	up to 7Km
Walkie-talkie weight:	205g (incl. battery pack)
Dimensions:	112 (175) x 53 x 30mm (HxBxD)
Protection class:	IPX4 (splash-water proof)

TROUBLESHOOTING

Nothing works:
- the battery pack is empty, please recharge or replace

Poor or no reception:
- weak or empty batteries, recharge them
- channel setting or subchannel set incorrectly (the sender and receiver must be set to the same channel, with the same subchannel)
- the distance between the receiver and transmitter is too large, please decrease the distance

Noise or other additional sounds:
- other sender is present, change the channel
- interference from other devices, switch the other devices off (if possible)

High whistle:
- the transmitter is too close to the receiver or the volume of the receiver is set too high, increase the distance or lower the volume

If this doesn't resolve the problem, switch off the handsets, wait several minutes and switch them on again. If the problem still remains, please contact the Alecto customer service: www.alecto.nl

WARRANTY

For the Alecto FR-135 you have a warranty of 24 months from the date of purchase. During this period, we guarantee the free repair of defects caused by material and workmanship errors. All this subjected to the final assessment of the importer.

HOW TO HANDLE:
If you notice any defect, first refer to the user's manual. If the manual provides no definite answer, please contact the supplier of this telephone or contact customer service of Alecto.

THE WARRANTY BECOMES NULL AND VOID:
In case of improper use, incorrect connections, leaking and/or incorrectly installed batteries, use of unoriginal parts or accessories, negligence and in case of defects caused by moisture, fire, flooding, lightning and natural disasters. In case of unauthorised modifications and/or repairs performed by third parties. In case of incorrect transportation of the device without adequate packaging and when the device is not accompanied by this warranty card and proof of purchase.
The warranty does not cover connecting batteries and antenna.
All further liability, especially concerning any consequential damages, is excluded.

Name:
Address:
Postal code:
City:
Tel:

Keep your receipt or purchase invoice here.

Alecto®

Service | Help

🌐 WWW.ALECTO.NL
SERVICE@ALECTO.NL

✉ **Hesdo, Australiëlaan 1
5232 BB, 's-Hertogenbosch
The Netherlands**

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