

Hunterhelp

HUNTERHELP

S3

USER MANUAL



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1. INTRODUCTION

This user manual applies to electronic bird and animal call Hunterhelp S3

A dedicated, digital sound producing device, HunterHelp S3 is designed to lure wild fowl and animals for watching, photography, or culling for sanitary or research purposes. This device plays digital sounds as tracks recorded on a plug-in memory card.

The 3rd generation of Hunterhelp calls boasts expanded options, their ranges varying between models. Please see the ranges in the table below.

Option / Model	Standart 3	Master 3	PRO 3
Moisture- and dustproof, shock-resistant housing	✓	✓	✓
Power supply: 6 AA batteries (increased service time without battery replacement), 12V external power supply option	✓	✓	✓
Quality digital sound (DVD-audio quality)	✓	✓	✓
High-power, in-built amplifier	✓	✓	✓
Several playback modes (pause setting, track repeat patterns)	✓	✓	✓
User audio file playback	*	✓	✓
Language selection	✓	✓	✓
My Folder	*	✓	✓
Shortcut key	✓	✓	–
Display brightness setting	✓	✓	✓
Automatic display brightness setting	–	✓	✓
Remote control	–	✓	✓
Equalizer	*	✓	✓
JBD (a more true-to-life sound experience)	–	–	✓
2 playback channels; sound mixing	–	–	✓

* Optional. For details go to www.arsenal.hunterhelp.biz

2. SPECIFICATIONS

Dimensions, mm.....	85,5 x 128 x 33
Weight (batteries excluded), g.....	170
Maximum power, W.....	10
Frequency response, Hz	20 – 20 000
External power, V	12
Internal power supply, V.....	9 (6 AA batteries)
Recommended radiating resistance, Ohm.....	4–8
Bitrate/track discretization interval	16 bits/48 kHz

3. HUNTERHELP S3 DESIGN AND CONTROL ELEMENTS

! Note: In pursuit of better design the manufacturer is working to improve its products. The design and options package of your device may therefore differ from those presented in this user manual.

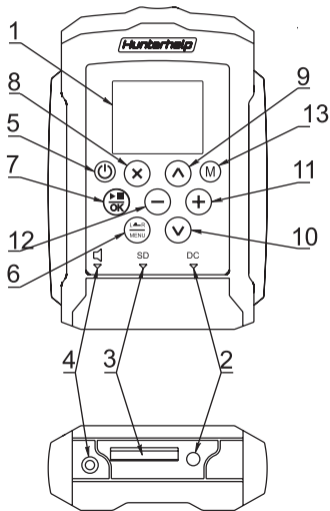


Figure 1: Hunterhelp S3 design and control elements

- 1 – TFT display
- 2 – external power supply connector
- 3 – plug-in card slot
- 4 – radiator connector
- 5 – power on/off
- 6 – settings menu
- 7 – enter key; play/stop
- 8 – escape key
- 9 – selection key 'up'
- 10 – selection key 'down'
- 11 – volume 'up'
- 12 – volume 'down'
- 13 – shortcut to pre-selected track

4. GETTING STARTED

Installation of internal batteries

Press the locking mechanism and remove the cover of the battery compartment. Insert the batteries (6 AA batteries), observing the polarity.



Note! Use only alkaline batteries. Use of zinc-carbon batteries may result in faulty operation.

External power supply

Remove the rubber cover and plug the external power source (battery) into Connector 2 (Fig.1). See Fig.1 for Connector 2 polarity.

External power supply voltage: 12 V, current: min. 1.5 A. Battery connection requires a special cable (to be supplied extra). The plus wire of the cable is marked red. The device is protected against polarity reversal and will remain functional even if the auxiliary supply cable is wrongly connected.

NOTE!



- **the external power supply connector is NOT designed for charging the AA batteries inside the device**
- **the external power supply can be connected without prior removal of the installed AA batteries**
- **normally, 12V lead–acid batteries are recommended as external power supply (a fully charged operational 12V/7Ah battery, for instance, enables several days long operation of the device)**

How to insert memory card

Remove the rubber cover and insert the memory card in Slot 4 (Fig.1). Make sure the contact area is face up. Insert the memory card into the slot until you hear a click. To remove the memory card, press on it until it reaches clicking position and remove.

NOTE!

- **To avoid mechanical damage of the connector, do not press too hard on the**




memory card when inserting it into the device.

- To avoid data loss, do not insert the memory card into a PC card reader, do not remove the memory card when the device is on. 

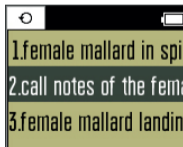
5. KEY FUNCTIONS

On/Off

Press and hold Key  (Fig.1) (please see Fig.1 for all the keys in this section). When the device is on, its display will show the list of folders or tracks (calls) selected before the device was last switched off.

NOTE!

When the memory card is not inserted, the 'no memory card' message will appear on the display:





Note!

If the memory card is damaged, the 'memory card damaged' message will appear on the display



NOTE!

In case of a memory card mismatch, the 'wrong memory card format' message will appear on the display:



NOTE!

Battery discharge indicator is in the upper right-hand corner of the display. When the batteries are depleted, the 'battery depleted' message will appear on

the display:

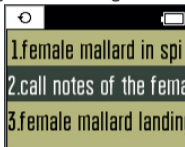


! **NOTE!** The number and the names of folders may vary depending on the sound library recorded on the memory card. The original Hunterhelp card may have the maximum of **8** folders. Each folder contains the maximum of **99** tracks.

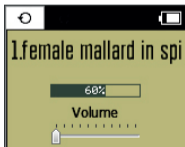


Playback

Press keys \wedge and \vee to select folder. Press OK to enter the selected folder and \times to escape. The entered folder will display the list of sounds (35 – Goose barnacle 3; 36 – White-fronted geese colony; 37 – White-fronted goose + Bean goose).



Press keys \wedge and \vee to select track. Press OK to play. The display will show the track name, running time, and loudness scale. (36 – White-fronted geese colony)



Press  to stop.

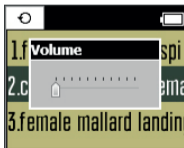
Volume control

Volume can be adjusted with the playback on or off. Setting the volume with the playback off rules out scaring of the birds or animals with accidentally too loud sound. The selected volume level will be saved every time you switch the device on/off.

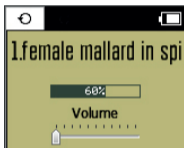
 **Note! Avoid setting the volume to maximum when the battery is low to avoid sound distortion.**

Playback OFF

When in folder/track selection mode, press  and . The loudness scale will appear on the screen.



Press ⊕ or ⊖ to adjust sound volume. Press ⏪ or ✕ to escape from volume adjustment, or it will close automatically if neither of the keys is pressed.



Playback ON

The loudness scale is always on the display.




Press ⊕ or ⊖ to adjust sound volume.

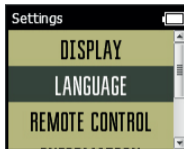
6.SETTINGS





Hunterhelp S3 can be adjusted for:

- playback parameters (pause setting, track repeat pattern);
- shortcut to pre-selected track;
- display brightness; and

- language.

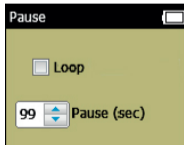
Press  to enter the settings menu. The menu items list will appear on the screen. To escape, press  or .



Press keys  and  to move between the menu items. Press  to enter the selected menu item and  to escape.

Playback parameters

Press  or  to select parameter.



Pause setting: 01 – pause (sec)

Repeat setting

This menu item sets repeat pattern of the track. If repeat is activated, the track will play continuously until stopped. Active status of repeat is indicated by a dot (in the upper left-hand corner of the display). Absence of the dot means the repeat is off.


Pause setting

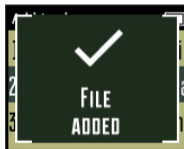
Pause setting enables user to set the duration of pauses between track repeat cycles. Pause can be set to last for a period from 1 to 99 seconds. Press ⊕ or ⊖ to set pause duration. If pause function is active, the corresponding sign will appear in the upper right-hand corner of the display. Absence of the sign means the pause is off. To deactivate the pause, set 00. Deactivating the pause also deactivates the repeat function. Pause can be deactivated by activating the repeat function.



Shortcut

Press (M) to activate playback of a preselected track. When in 'shortcut' menu, select the folder on the list displayed.



Select the track in the manner you select a track for playback. Press key  to activate the track. The 'call added' message will appear on the screen:ись:



Press M for shortcut to the selected track. The  sign will appear in the upper section of the screen. Adjust playback (on/off), sound volume, etc. as normal. Repeated pressing on  will stop the playback of the shortcut track, and the folder/track selected prior to the activation of the shortcut track will appear on the screen.

! **Note! The shortcut function is off while in settings menu!**

Display

Brightness. Press **+** or **-** to adjust brightness.





Language

Language selection.







Press keys  or  to select language. To activate the language, press .

7. TROUBLESHOOTING

Malfunction	Possible cause	Malfunction removal
The device won't start.	<ul style="list-style-type: none"> •  press time too short. 	<ul style="list-style-type: none"> • Hold the  pressed for at least 2 to 3 seconds.
	<ul style="list-style-type: none"> • AA batteries depleted. 	<ul style="list-style-type: none"> • Replace batteries.
	<ul style="list-style-type: none"> • External power source generates voltage lower than 12V or current lower than 1A. 	<ul style="list-style-type: none"> • Replace external power source. • Make sure the external power cable is connected properly.
The device won't respond when pressing its buttons.	<ul style="list-style-type: none"> • Software failed. 	<ul style="list-style-type: none"> • Switch the device off (if possible), remove and re-install batteries.
Sound distortion or no sound	<ul style="list-style-type: none"> • Batteries or external power source fail to generate ample current. • Speaker penetrated by water; or speaker failed; or contact lost or unstable in Connector 5. 	<ul style="list-style-type: none"> • Replace batteries. • Replace external power source. • Check speaker. • Make sure the cable is not damaged and the plug is properly connected.



Note! To allow factory reset in case you have difficulty disabling certain settings:

press  → select SETTINGS →
press  → press  → select RESET →
press .

8. WARRANTY

Thank you for choosing our product. We guarantee the trouble-free operation of Hunterhelp S3 provided you observe the rules given in this user manual.

Warranty repair will be denied if your device shows signs of:

1. mechanical damage of its display, connectors or other components;
2. penetration of the housing by liquid or foreign matter. In case the device is penetrated by a liquid, remove the internal batteries immediately and disconnect external power supply. Remove the liquid from the device. Trouble free operation in this case may not be guaranteed;
3. damage of the board's electronic components as a result of plugging in of the power sources other than recommended;
4. unauthorized repair.

The warranty period is 12 months from the date of sale.

Please apply the manufacturer directly for warranty repair or non-warranty service. For details go to 'Support' section at Hunterhelp.ru.

Where do I get serial number?

Press  →  →  → select Serial Number → press 

9. LEGAL INFORMATION

Real Time Engineers Ltd., FreeRTOS under Modified GPL license.
<http://www.freertos.org/license.txt>

10. SELLER DETAILS

Seller:

Serial number: _____

Seller' stamp:

Date of sale: _____

Hunterhelp

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