

***Hunterhelp***

***Говори с природой на одном языке!  
Speak the language of nature!***

**HUNTERHELP PRO 3  
USER MANUAL**

# 1. INTRODUCTION

This user manual applies to Hunterhelp PRO 3 electronic bird/animal call.

Designed to attract birds and animals for viewing, taking pictures of, or culling for sanitary or research purposes, Hunterhelp PRO 3 is a dedicated digital sound producing device. It reproduces the audio pieces recorded as special format tracks on a plug-in memory card.

The third-generation Hunterhelp calls boast expanded functionality, each model equipped with its own range of functions. Please see functionalities in the table below.

Functionality / Model	<u>Standart 3</u>	<u>Master 3</u>	<u>PRO 3</u>
▶ <b>Moisture/dustproof*, shock-resistant housing</b>	Y	Y	Y
▶ <b>Power supply: 6 AA batteries (no need to change the battery during longer time), 12V external power supply option</b>	Y	Y	Y
▶ <b>Quality digital sound (DVD-audio quality)</b>	Y	Y	Y
▶ <b>High-performance in-built amplifier</b>	Y	Y	Y
▶ <b>Several playback modes (pause setting, track repeat patterns)</b>	Y	Y	Y
▶ <b>User audio files playback</b>	-	Y	Y
▶ <b>Language selection</b>	Y	Y	Y
▶ <b>My Folder</b>	-	Y	Y
▶ <b>Hot key</b>	Y	Y	-
▶ <b>Display brightness setting</b>	Y	Y	Y
▶ <b>Auto-Brightness</b>	-	Y	Y
▶ <b>Remote control connection</b>	-	Y	Y
▶ <b>Equalizer</b>	-	Y	Y
▶ <b>JBD (makes the sound more true to life)</b>	-	-	Y
▶ <b>2 channels, 2 in-built amplifiers, call mixing</b>	-	-	Y

\* provided the rubber plugs are in.

## 2. SPECIFICATIONS

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Dimensions, mm	85.5 x 128 x 33
Weight (with batteries out), g	170
Maximum power, W	2*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

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### 3. HUNTERHELP PRO 3 DESIGN AND CONTROL ELEMENTS

Note! In pursuit of better designs the manufacturer is constantly improving its products. The design and function package of the electronic call may differ from those specified in this user manual.

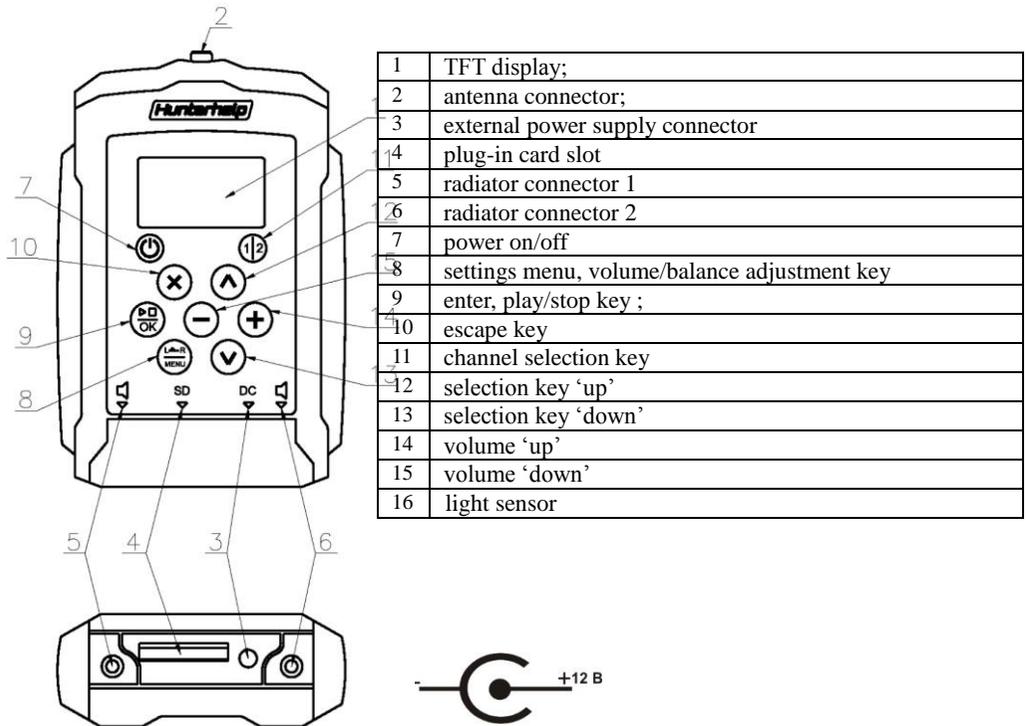


Figure 1: Hunterhelp PRO 3 design and control elements

## 4. GETTING STARTED

### Internal batteries installation

Press the locking mechanism to remove the battery cover. Insert the batteries (6 AA batteries or *accumulator cells*) 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 to 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. 1.5A. Battery connection requires special cable (*to be supplied extra*). The plus wire of the cable is marked red. The call is equipped with polarity reversal protection and will remain functional even with wrongly connected auxiliary supply cable.

#### **Note!**

- *the external power supply connector is not meant for charging the installed AA batteries/accumulator cells;*
- *plugging in of the external power supply does not require the installed AA batteries to be removed;*
- *normally 12V lead-acid batteries are recommended as external power supply sources (a fully charged operational 12V/7Ah battery, for instance, enables several days long operation of the device);*
- *do not connect the device to an external source of power using the battery compartment connectors, as this may result in faulty operation.*

### 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. Press the card until clicking position to remove.

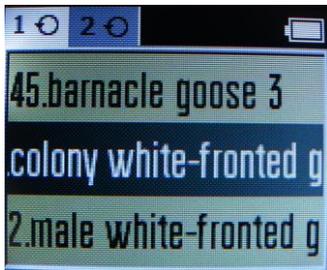
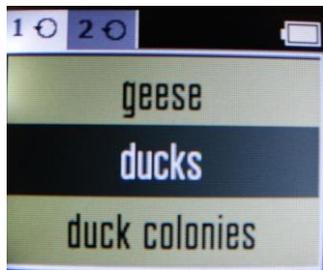
#### **NOTE!**

- *To avoid mechanical damage of the connector do not press too hard on the memory card when inserting it into the call.*
- *To avoid data loss do not insert the memory card in set with the call into a PC card reader; do not remove the memory card when the call is on.*

## 5. KEY FUNCTIONS

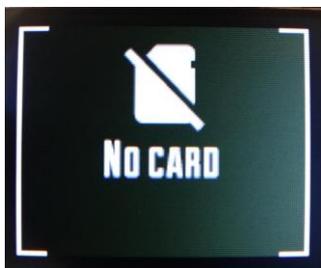
### On/Off

Press and hold key 7 (Fig.1) (please see Fig.1 for all the keys described in this section). Once the device is on, the list of folders or tracks (calls) selected before the device was switched off will be shown of the display.



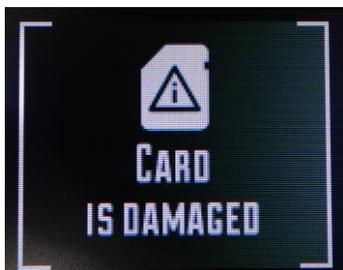
### *Note!*

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



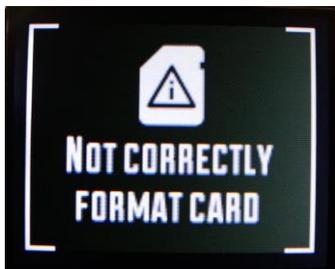
### *Note!*

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



**Note!**

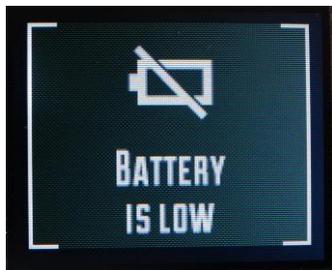
***In case of memory card mismatch, the 'wrong memory card' message will appear on the display:***



**Note!**

***Battery discharge indicator is in the upper right hand corner of the display.***

***If batteries are depleted, the 'battery depleted' message will appear on the display:***



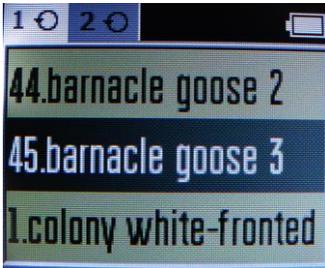
***Note! The number and the names of folders with calls may vary depending on the sound library recorded on the memory card. The original Hunterhelp card may have the maximum of 8 folders. Each folder may contain up to 99 tracks.***

## Channel selection

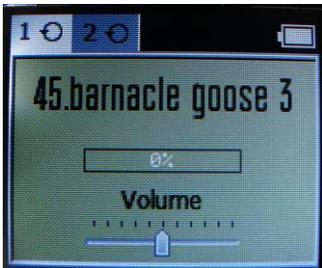
Press key 11 to select between channel 1 and channel 2 as they alternate. The number of the selected channel will be shown in the upper left hand corner of the screen, while the channel activated is light-background.

## Playback

Press keys 12 and 13 to select folder. Press 9 to enter the selected folder and 10 to escape. The entered folder will display the list of calls.



Press keys 12 and 13 to select track. Press 9 to play. The display will show the track name, running and full time, and loudness scale.



If none of the channels has been activated for playback, the selected track will be played on both of them. The access to track selection is available on both the channels. To have the channels playing different tracks, select the target channel and press 9. The playback mode allows for switching to 'hot track' (without having to stop the playback). The 'hot track' switching is available on both the channels by pressing keys 12 and 13 to move within the track list. Pressing 9 will stop the playback on both channels.

## Volume control, balance and equalizer settings

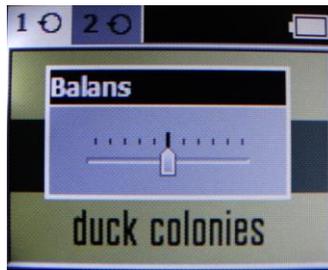
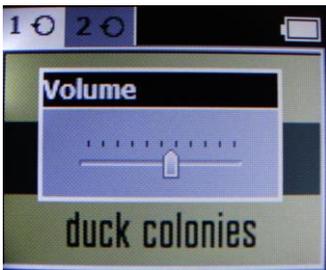
Volume, balance and equalizer settings can be adjusted with the playback on or off. Setting the volume, balance or equalizer with the playback off enables the user to avoid too loud sound that may scare birds or animals away. The selected volume, balance and equalizer settings will be saved every time you switch the device on/off.

*Note: balance cannot be adjusted when JBD is on.*

**Note! Avoid setting the volume to maximum when the battery is low, as this may cause sound distortion.**

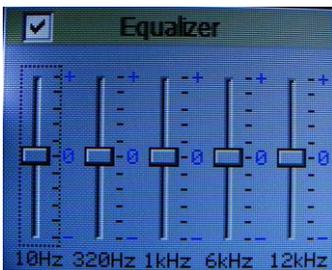
### **Playback OFF**

When in folder/track selection mode, press key 14 or 15. The display will show the volume scale. Press 8 to move between the volume, balance and equalizer scales. The scales will close automatically if neither of the adjustment keys has been pressed. Press keys 14, 15 to adjust volume and balance. The selected settings will be valid on both the channels.



To adjust the equalizer settings:

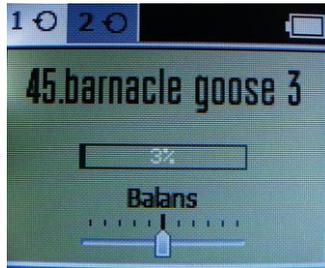
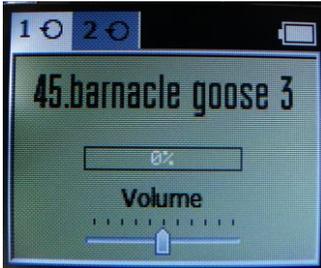
press 14, 15 to select the frequency scale and 12, 13 to adjust the settings. After you have moved the cursor (using keys 14 or 15) to the target range, press 9 to activate/deactivate the equalizer mode in the upper left-hand corner



Press 8 to escape from this menu with the settings saved.

### ***Playback ON***

The volume scale is shown on the display. To move between the volume, balance and equalizer scales, press 8. Press keys 14/15 to adjust the volume/balance. To adjust the equalizer settings repeat the steps above.



***Note: the equalizer is meant for frequency correction of the calls and for frequency correction of the speakers. We recommend you do not activate nor adjust the equalizer without real necessity.***

## **6. MAIN MENU ITEMS**

The main menu consists of three sub-menus – **SETTINGS**, **PLAYBACK SETTINGS** and **MY FOLDER**



To enter the main menu, press 8. Press 12, 13 to select and 9 to enter the target menu item. To escape from the selected menu item, press 10. All user settings will be saved when the device is switched off. To escape to the menu, press 8.

## 6.1 SETTINGS menu item



This menu item enables setting of the display, language and remote control connection. To navigate within this menu item press the navigation keys above.

### 6.1.1 Display

The brightness level can be set manually by pressing keys 14, 15. Pressing 9 will activate/deactivate auto-brightness (automatic adjustment based on ambient light level).



### 6.1.2 Language

Press keys 12, 13 to select language. To activate the language, press 9.



### 6.1.3. Remote control

To operate the call remotely (using a radio channel), the call must be connected to the remote control device. Hunterhelp PRO 3 can be

connected to only one remote control device, whereas one remote control device can be connected to as many calls as you wish.

This menu item consists of two sub-menus – **‘Connect’** and **‘Disconnect’**. Press 12, 13 to move between the sub-menus.

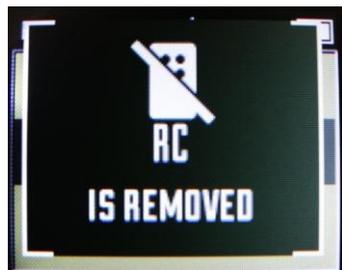
### ***‘Connect’***

Press 9 to enter the ‘Connect’ sub-menu. Then press PLAY on your remote control device. If connection is successful the ‘Connection successful’ message will appear on the screen.

Press 8 to escape.,



To disconnect the remote control from the call, the ‘Disconnect’ sub-menu and press 9. The ‘Remote control disconnected’ message will appear on the screen.

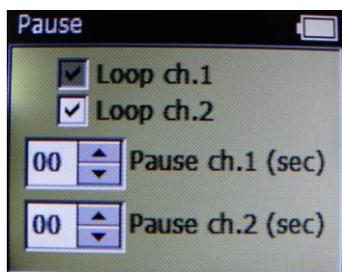


## 6.2 PLAYBACK SETTINGS menu item

This menu item sets pause and call repeat pattern, and activates JBD. To navigate within this menu item press the navigation keys above.



### 6.2.1 Repeat and pause setting.



#### Repeat setting

This item sets the repeat pattern of the track. If repeat is activated, the track will play continuously until stopped manually. This item sets the repeat pattern of the track. If repeat is activated, the track will play continuously until stopped. The active status of repeat is indicated by a tick (in the upper left hand corner of the display). The absence of the tick means the function is inactive. This function has to be activated on each channel separately.

To escape from this menu with all the settings saved, press 8 or 10.

#### Pause setting

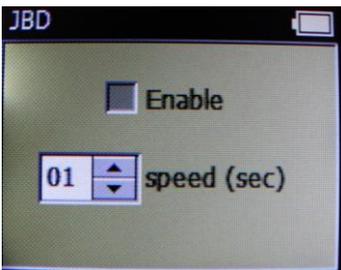
Pause setting enables user to set the duration of pauses between cycles of a repeating track. This function has to be activated on each channel separately. Press 12, 13 to select the channel. Pause can be set to last from 1 to 99 seconds. Press key 14, 15 to set duration. To disable the pause set

00. Pause can also be disabled by activating the repeat function on the given channel. If pause function is active, the corresponding sign will appear in the upper right hand corner of the display. To escape from this menu with all the settings saved, press 8 or 10.

### 6.2.2 JBD

JBD (*Jump between dynamics*) is designed to enhance the true-to-life nature of sound and the efficiency of calling (call exchange, imitation of sound of movement, etc.) by making the sound balance ‘wander’ between channels. To achieve the most real-life sound effect, the sound balance ‘wandering’ speed should be set by experiment for each given track.

Press 9 to activate or deactivate JBD. Use 14, 15 to set the speed (1 to 60 seconds) for the balance to ‘wander’ between channels. When JBD is activates, the respective tick will appear of the playback menu. To escape from this menu with all the settings saved, press 8 or 10.



When JBD is on, the balance **cannot be set manually**. Nor is it possible to mix tracks: when activating another track on channel two, the ‘JBD ON’ will appear on the screen:



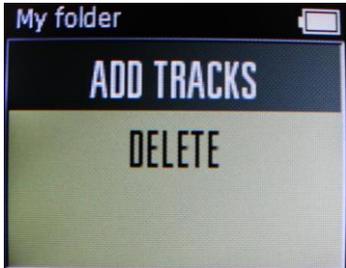
### 6.3 MY FOLDER menu item



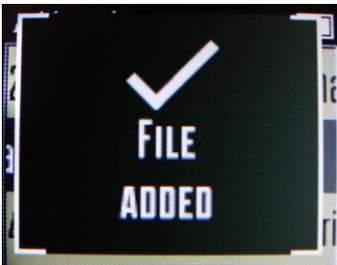
My Folder menu item enables you to create and edit lists of frequently played tracks (up to 10 tracks). It consists of two sub-menus – ‘Add Call’ and ‘Delete Call’.

To move between the sub-menus press 12, 13. Enter 9 to enter the target sub-menu and 10 to escape.

#### *Add call*



‘Add call’ selects calls for playlist. Select the tracks for playlist in the manner you select a track for playback. To add a track to your playlist, press 9. The screen will show ‘Call added’ message:



The created playlist will be available in MY FOLDER, located on the general folder list.

### ***Delete call***

'Delete Call' edits your playlist. Select a track in the manner you select a track for payback. Press 9 to delete. The screen will show the 'Call deleted' message:



To escape from this menu with all the settings saved, press 8 or 10.

## 7. TROUBLESHOOTING

Malfunction	Possible cause	Malfunction repair
The device won't start.	<ul style="list-style-type: none"> <li>• Too short pressing on key 7.</li> </ul>	Hold key 7 pressed for 2 to 3 seconds.
	<ul style="list-style-type: none"> <li>• AA batteries depleted.</li> </ul>	Replace batteries.
	<ul style="list-style-type: none"> <li>• External power source generates voltage under 12V of current under 1A.</li> </ul>	Replace external power source. Check external power cable for proper connected.
The device does not respond to keys.	<ul style="list-style-type: none"> <li>• Software failed.</li> </ul>	Switch the device off (if possible), remove and re-install batteries.
The sound comes out from one speaker only.	<ul style="list-style-type: none"> <li>• Balance completely shifted to either of the speakers.</li> </ul>	Re-adjust the balance.
The device produces distorted sound.	<ul style="list-style-type: none"> <li>• Equalizer wrongly adjusted.</li> </ul>	Disable or adjust the equalizer.
	<ul style="list-style-type: none"> <li>• Batteries or external power source fail to generate ample current.</li> <li>• Speaker penetrated by water, or speaker failed.</li> </ul>	Replace batteries. Replace external power source. Check speaker .

**Please apply the manufacturer if malfunction remains.**

## 8. WARRANTY

Thank you for the choice of our product. We guarantee trouble-free operation of Hunterhelp PRO 3 provided you observe the operating rules specified in this user manual.

Warranty repair will be denied if the product 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 of penetration of the call by liquid, remove the internal batteries immediately and disconnect external power supply. Remove the liquid from the call before further use. Trouble free operation in this case may not be guaranteed;**
3. typical damage of the board's electronic components caused by plugging in of the power sources other than recommended;
4. unauthorized repair.

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

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

## 9. Details of dealer

Dealer's name

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Dealer's stamp

Date of sale \_\_\_\_\_

## 10. Manufacturer

Lema LLC

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