



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

**HUNTERHELP MASTER 3
USER MANUAL**

1. INTRODUCTION

This user manual applies to Hunterhelp Master 3 electronic bird/animal call (hereinafter, the “Hunterhelp M3”). далее по тексту Hunterhelp M3.

Designed to attract birds and animals for viewing, taking pictures of, or culling for sanitary or research purposes, Hunterhelp M3 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>
▶ Moisture/dustproof*, shock-resistant housing	✓	✓	✓
▶ Power supply: 6 AA batteries (no need to change the battery during longer time), 12V external power supply option	✓	✓	✓
▶ Quality digital sound (DVD-audio quality)	✓	✓	✓
▶ High-performance in-built amplifier	✓	✓	✓
▶ Several playback modes (pause setting, track repeat patterns)	✓	✓	✓
▶ User audio files playback	✓	✓	✓
▶ Language selection	✓	✓	✓
▶ My Folder	-	✓	✓
▶ Hot key	✓	✓	-
▶ Display brightness setting	✓	✓	✓
▶ Auto-Brightness	-	✓	✓
▶ Remote control connection	-	✓	✓
▶ Equalizer	-	✓	✓
▶ JBD (makes the sound more true to life)	-	-	✓
▶ 2 channels, 2 in-built amplifiers, call mixing	-	-	✓

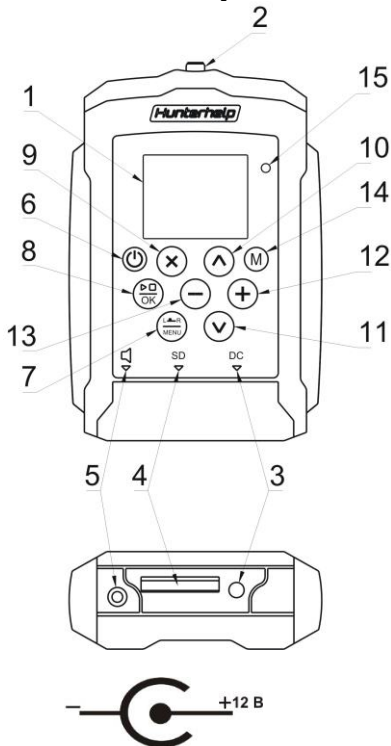
* provided the rubber plugs are in.

2. SPECIFICATIONS

Dimensions, mm	85.5 x 128 x 33
Weight (with batteries out), 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 M3 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.



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

Figure 1: Hunterhelp M3 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 3 (Fig.1). See Fig.1 for connector 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!

- *to extend battery life dim the display brightness (see Section 6.1.4);*
- *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*

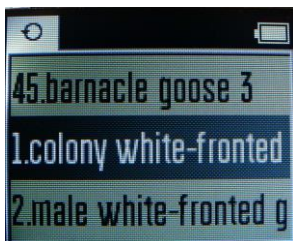
hard on the memory card when inserting it into the call.

• 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

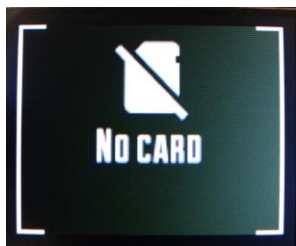
On/Off

Press and hold key 6 (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.



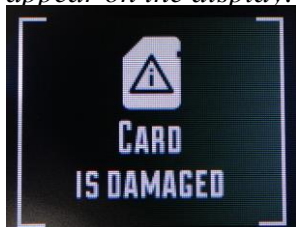
Note!

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



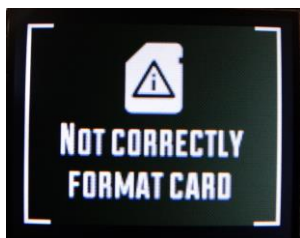
Note!

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.

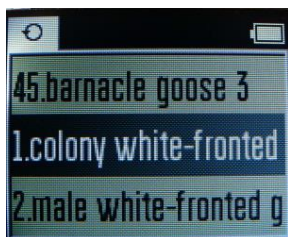
If batteries are depleted, the 'battery depleted' message will appear on the display:



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.

Playback

Press keys 10 and 11 to select folder. Press 8 to enter the selected folder and 9 to escape. The entered folder will display the list of calls.



Press keys 10 and 11 to select track. Press 8 to play. The display will show the track name, running and full time, and loudness scale.



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 10 and 11 to move within the track list. Press 8 to stop playback.

Volume control, equalizer settings

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

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

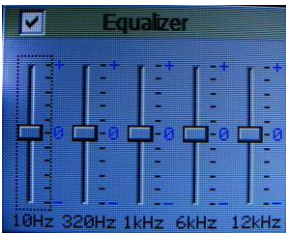
Playback OFF

When in folder/track selection mode, press key 12 or 13. The display will show the volume scale. Press 7 to move between volume and equalizer scales. The loudness setting mode will close automatically if neither of the adjustment keys has been pressed. Press keys 12 or 13 to adjust volume. Press 7 to move between the loudness and equalizer scales.



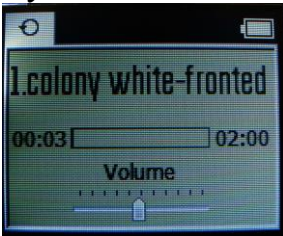
To adjust the equalizer settings:

press 12 and 13 to select the frequency scale and 10 and 11 to adjust the settings. After you have moved the cursor (using keys 12 or 13) to the target range, press 8 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. Press keys 12 and 13 to adjust volume. Press 7 to move between the loudness and equalizer scales. 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 two sub-menus – **SETTINGS** and **MY FOLDER**.

To enter the main menu, press 7. Press 10, 11 to select and 8 to enter the target menu item. To escape from the selected menu item, press 9. All user settings will be saved when the device is switched off. To escape to folder or track list, press 7 or 9.

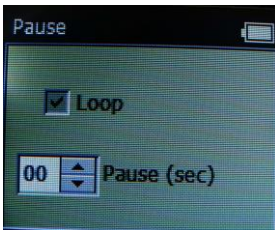
6.1 SETTINGS menu item



This menu item sets playback parameters, ‘hot track’, display, language and remote control connection. To navigate within this menu item press the navigation keys above. Press 9 to enter settings menu. To escape to folder or track list, press 7. All settings will be saved.

6.1.1. Playback parameters

Press 10 and 11 to select parameter 1



Repeat setting

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. Press 8 to activate/deactivate repeat.

Pause setting

Pause setting enables user to set the duration of pauses between cycles of a repeating track. Pause can be set to last from 1 to 99 seconds. Press key 12 and 13 to set duration. Set 00 to disable the pause. 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 to settings menu, press 9. To escape to folder or track list, press 7. All the settings will be saved.

6.1.2 Hot key

Pressing key 14 activates immediate playback of a preselected track. When in 'hot key' menu, the list of folders with tracks will appear on the screen.



Select the 'hot key' track in the manner you select a track for playback. Press key 8 to activate the track. The 'call added' message will appear on the screen:



Press 14 for immediate (hot) playback of the selected track. The 'M' sign will appear in the upper section of the screen. The hot track playback

mode (on/off), loudness, etc. will be set in the manner prescribed for track selected using standard search algorithm. Repeated pressing on key 13 will stop the hot track playback, and the folder/track selected prior to the hot track activation will be displayed.

Note! The ‘hot key’ function is off whilst in settings menu!

Press 9 to enter the settings menu. To escape to folder or track list, press 7. All the settings will be saved.

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 M3 can be connected to only one remote control device, whereas one remote control device can be connected to as many calls as you wish.

Note: the remote control set is to be supplied extra.

This menu item consists of two sub-menus – ‘**Connect**’ and ‘**Disconnect**’. Press 10, 11 to move between the sub-menus.

‘Connect’

Press 8 to enter the ‘Connect’ sub-menu. The screen will show ‘Press Play on remote control device’ message:



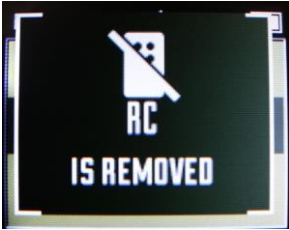
Press PLAY on your remote control device. If connection is successful the ‘Connection successful’ message will appear on the screen:



Press 7 to escape.

'Disconnect'

To disconnect the remote control from the call, the 'Disconnect' sub-menu and press 8. The 'Remote control disconnected' message will appear on the screen:



To escape to settings menu, press 9. To escape to folder or track list, press 7. All the settings will be saved.

6.1.4 Display

The brightness level can be set manually by pressing keys 12, 13. Pressing 8 will activate auto-brightness (automatic adjustment based on ambient light level).



Note!

The reduced display brightness will extend the battery charge free operation.

To escape to settings menu, press 9. To escape to folder or track list, press 7. All the settings will be saved.

6.1.5 Language

Press keys 10, 11 to select language. To activate the language, press 8.



To escape to settings menu, press 9. To escape to folder or track list, press 7. All the settings will be saved.

6.2 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 10, 11. To enter the target sub-menu press 8. To enter folder or track list, press 7.

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 8. 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. To select the track to be deleted, press 8. The screen will show the 'Call deleted' message:



To escape to settings menu, press 9. To escape to folder or track list, press 7. All the settings will be saved.

7. TROUBLESHOOTING

Malfunction	Possible cause	Malfunction repair
The device won't start.	<ul style="list-style-type: none"> • Too short pressing on key 6. 	Hold key 6 pressed for 2 to 3 seconds.
	<ul style="list-style-type: none"> • AA batteries depleted. 	Replace batteries.
	<ul style="list-style-type: none"> • External power source generates voltage under 12V of current under 1A. 	Replace external power source. Check external power cable for proper connected.
The device does not respond to keys.	<ul style="list-style-type: none"> • Software failed. 	Switch the device off (if possible), remove and re-install batteries.
The device produces distorted sound or does not produce sound at all.	<ul style="list-style-type: none"> • Equalizer wrongly adjusted. 	Disable or adjust the equalizer.
	<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 missing or unstable in connector 5. 	Replace batteries. Replace external power source. Check speaker. Check cable for integrity and plug connection for stability.

Please apply the manufacturer if malfunction remains.

8. WARRANTY

Thank you for the choice of our product. We guarantee trouble-free operation of Hunterhelp S3 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

Serial number _____

Dealer's name

Dealer's stamp

Date of sale _____

10. Manufacturer

Lema LLC

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