

Notes

STEC Advance Equip. Malaysia.

Audio Jammer
Model: STPRB1000

Working Manual

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Attention!

Read this Manual before use Audio recorder Jammer.

Contents

Introduction.....	2
Safety	3
Getting Started	4
Charging the Battery	4
Controls.....	6
Display	6
Adjusting Remote Control	7
Basic Operation.....	8
Suppression On/Off.....	9
Lighting On/Off	10
Clock Set.....	11
Care and Maintenance.....	12
Trouble Shooting	13
Specifications.....	14
Notes	15

Introduction

Notes

Audio recorder jammer is device that prevents the non-authorized recording of your conversations with audio cassette recorders or audio digital recorders. Jammer suppresses the operation of the recorders by radiating noise interference. The parameters of the noise interference are specially adapted for suppression of many types of recorders. It improves the functioning performance of the jammer. In addition, you can use jammer to protect yourself from being listened by many types of the eavesdropping devices such as audio mini transmitters.

You can use jammer as desktop device in your office, as standalone device in your briefcase. It is specially designed to show clock and disguise its actual functioning. You can put any office item on top of it (such as phone set, penholder, etc.). Thus, you can hide functioning of the jammer from anyone who is trying to get confidential information.

Specifications

Distance of suppression	
for digital recorder, max:.....	3 meters (10 feet)
for cassette recorder, max:	8 meters (26 feet)
Interference class:.....	noise
Average output power, max:	3W
Suppression beam-width	
horizontal:	150°
vertical:.....	120°
Remote control range, max:	10 meters (33 feet)
Supply voltage:.....	14.4VDC,
	4500 mAh
	Ni-MH
Operation time, max:.....	3h
Charger:.....	100-240VAC
	1.5A 50-60Hz
	24VDC 3A
Jammer	
size:	290x210x30 mm
weight:.....	1.8 kg
Ambient temperature	
charging:.....	+10...+45°C
operation:.....	-10...+55°C
storage:	-20...+35°C

Safety

Medical equipment. Do not use the jammer in a hospital because it can interfere medical devices operation. Do not use the jammer too close to personal medical devices, such as pacemakers and hearing aids.

Aircraft. Do not use the jammer at all time in an aircraft. It may be dangerous.

Blasting areas. Do not use the jammer in any area with a potentially explosive atmosphere such as refueling points, fuel depots, chemical plants or areas where blasting operations are in progress. The functioning of the jammer in such areas may interfere to operation of a technical installation. It may cause an explosion or fire.

Power supply. This device is intended for use with only original charger. Other usage will invalidate any approval given to this device and may be dangerous. The main voltage specified on the power supply unit must not be exceeded. To reduce risk of damage to electric cord, remove from outlet or from the jammer by holding connector rather than cord.

Electronic devices. The jammer can affect with the operation to nearby electronic devices such as TVs, radios or PCs.

Battery. Never expose the battery pack to extreme temperatures (in excess of 60°C). Use only original battery and charger. You can risk damage to the product and your health.

Heating up. The device heat up when used for long periods (more than 30 minutes). This is normal and not dangerous. Do not use the device for long time (more than 60 min of continuous operation) in closed surrounding. It may cause the excessive heating of the device.

Children. Keep away jammer of children. Do not allow children to play with jammer. It is not a toy.

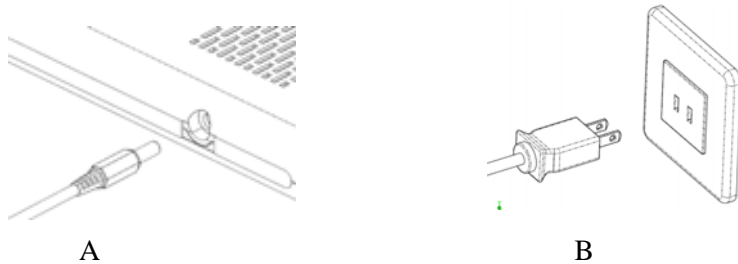
Getting Started

Open the battery cover located on the bottom of the jammer. Remove protective strips from the battery! Close the cover.

Charging the Battery

Before using jammer for the first time, charge the battery fully.

Insert the charger into the jammer on the left side as shown in the picture A. Plug the charger into a mains outlet as shown on the picture B. Green light on the charger case indicates it is functioning.



In order to achieve optimum performance, for the first use the battery must be charged for minimum 16 hours. For reliable and long time performance, the battery must be fully charged and then emptied at least three times when new.

Charging time of empty battery is about 2 hours for the main charge and 14 hours for the final charge. During main charge, the battery is charging up to 95% of its capacity. The remaining 5% of capacity the battery gets during final charge. Subsequent charges may be only 2 hour (main charge) in case device is needed urgently. However, we recommend perform final charge. You can monitor charge of the battery on display. When the main charge goes, you can see the battery icon is animating as shown on pictures below.

Trouble Shooting

Problem	Cause	Remedy
Unable to activate suppression	The battery is empty.	Check that the battery is fully charged. If not, charge the battery.
The remote control does not function	There is heavy interference to receiver of the remote control. The battery in the remote control is poor.	Move the remote unit closer to the jammer. Replace the battery observing proper polarity.
The battery is not charging	Power supply is not applied.	Check that the charger is connected to the jammer and to the mains outlet.
The charging time is more than 2 hours for main charge	An error occurred during charge.	See the next lines for solving the problem.
“Error C0”, “Error C1” or “Error C2” is displayed during charge	Internal error occurred during charge.	Disconnect the charger and restart charging.
“Error C03” is displayed during charge	The battery heated up too much.	Disconnect the charger and restart charging when temperature is back to normal.

Should any other problem is present or any of above problem cannot be solved, contact your dealer.

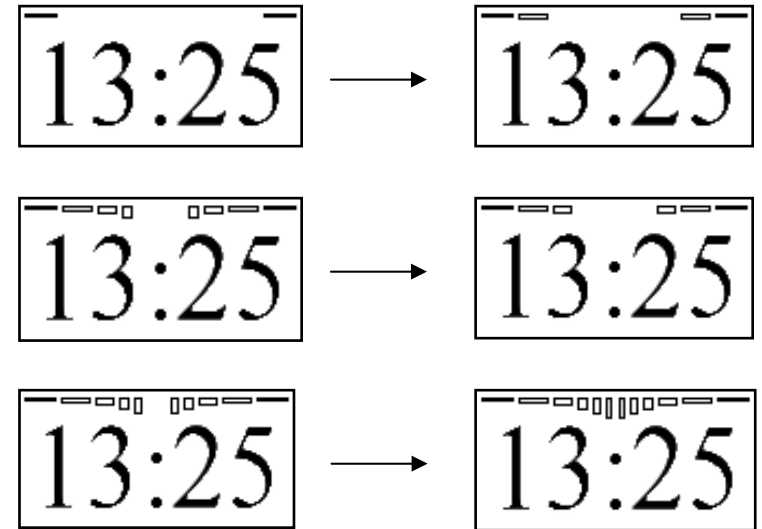
Care and Maintenance

Do not disassemble the equipment. There are no user-serviceable parts.

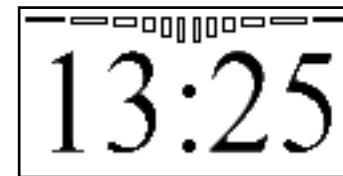
Do not subject the equipment to excessive vibration or shock.

Avoid contact with liquids. If equipment becomes wet, immediately remove the power and contact your dealer.

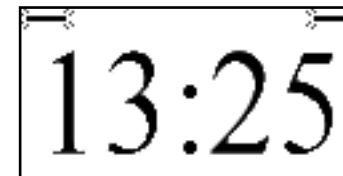
Do not leave the equipment in direct sunlight or humid, dusty or hot area.



There is no indication during the final charge but we recommend you follow earlier instruction.



When the battery is fully charged, the battery icon will show all 12 bars.

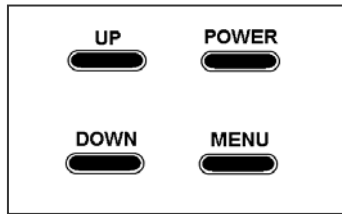


When the battery is nearly empty, two bars (on the left and on the right above the clock) will be blinking during 1 minute.

The fully charged battery gives up to 3 hours of operation time.

Note. The charger heat up when used for long period. This is normal and not dangerous.

Controls



“POWER”

Power key – hold down for 1 sec. to activate or deactivate actual suppression.

In menu mode press briefly to exit.

“MENU”

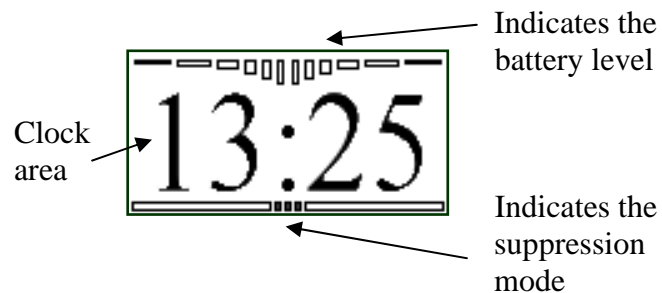
Menu key – hold down for 1sec. to open menu.

Press briefly to switch on/off the light.

“UP”/ “DOWN”

Navigation keys – in menu mode scroll through menu items.

Display

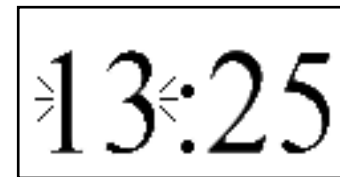


Clock Set



Press and hold down “MENU” button for 1 sec. to open menu.

Press “UP”/ “DOWN” to select **Clock Set**.

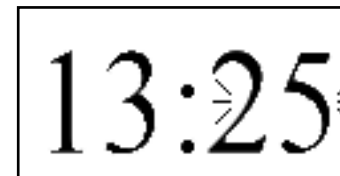


Press “MENU”. The clock will be displayed and the hours will be blinking.

Press “UP”/“DOWN” to edit the hours. Hold down “UP”/“DOWN” for 1 sec. to change the value fast.

When hours are adjusted, press “MENU”.

The hours stop blinking and the minutes will be blinking.



Press “UP”/ “DOWN” to edit the minutes. Hold down “UP”/“DOWN” for 1sec. to change the value fast.

Press “MENU” to store. The minutes stop blinking.

The clock is set. You will be returned to menu.

Lighting On/Off



Press and hold down "MENU" button for 1sec. to open menu.

Press "UP"/ "DOWN" to select menu item **Light off.**

Press "MENU" to turn on the backlight.

"Light off" will be displayed.
Press "POWER" briefly to exit.



Press and hold down "MENU" button for 1 sec. to open menu.

Press "UP"/ "DOWN" to select menu item **Light on.**

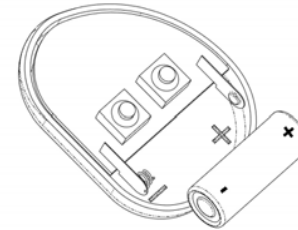
Press "MENU" to turn off the display backlight.

"Light on" will be displayed.
Press "POWER" briefly to exit.

When backlight is turned on, you can switch on/off the light. Press "MENU" briefly to switch on the light. Press "MENU" briefly again to switch off the light.

Adjusting Remote Control

The remote unit has a unique code. In order to use a remote unit for jammer control, you need to adjust it.



Install the battery into the remote unit properly.

Wrong polarity of the battery can damage the unit!

Place the remote unit near the jammer.

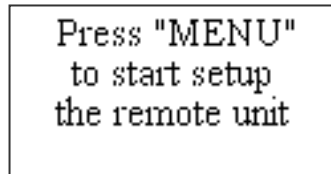


1. Press and hold down "MENU" button for 1 sec. to open menu.

Press "UP"/ "DOWN" to select **Remote Set.**

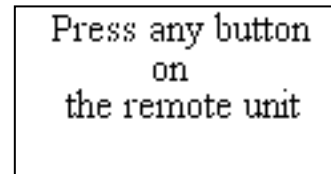
2. Press "MENU".

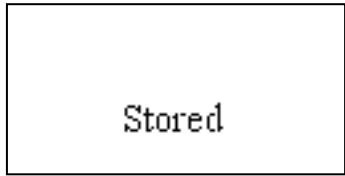
"Press "MENU" to start setup the remote unit" message will be displayed.



3. Press "MENU" within 30sec.

"Press any button on the remote unit" message will be displayed.

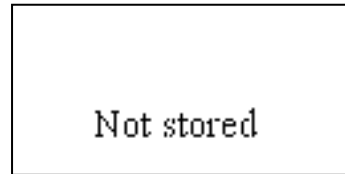




4. Press any button on the remote.

“Stored” message will be displayed.

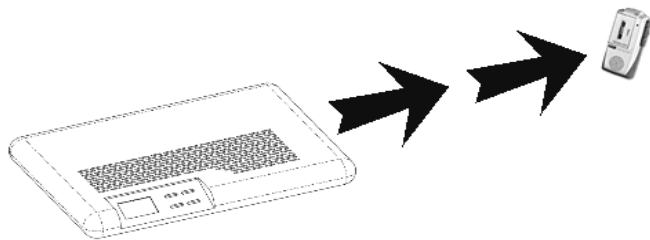
The remote control is adjusted.



If “Not stored” message is displayed, move the remote unit closer to the jammer and repeat an adjusting of the remote control following steps 1-4.

Basic Operation

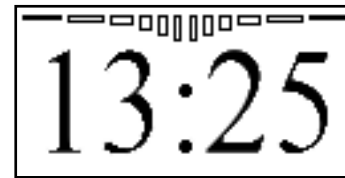
In order to achieve the best performance of suppression, place jammer possibly closer to the prospective recorder. Maximum range of suppression occurs in right direction of jammer located faced to user (see picture below).



Suppression On/Off

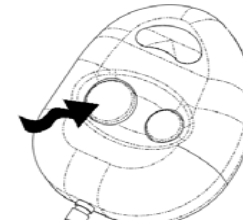


Press and hold down “POWER” for 1 sec. to activate the suppression. An operation bar will be displayed and animated.



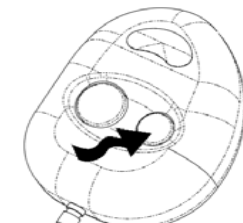
Press and hold down “POWER” for 1 sec. to deactivate the suppression. An operation bar will disappear.

You can use the remote control to activate/deactivate the suppression. Before using remote unit, adjust it (Page 6).



Press the left (black) button on the remote unit.

The suppression will be activated in 4 sec.



Press the right (green) button on the remote unit.

The suppression will be deactivated in 2 sec.