

CARLSBERG

WORLD CLASS PA & AMPLIFICATION SYSTEMS SINCE 1959

The Wanderer & The Wanderer Deluxe user guide



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure, that may be of sufficient magnitude to constitute a risk of electric shock to persons.

**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK)
NO USER-SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED PERSONNEL**



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS

WARNING - When using electric products, basic precautions should always be followed, including the following:

1. Read all the SAFETY INSTRUCTIONS before using the product.
2. To reduce the risk of injury, close supervision is necessary when the product is used near children.
3. Do not use this product near water - for example, near a bathtub, washbowl, kitchen sink, in a wet basement or near a swimming pool or the like.
4. This product is capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
5. This product should be located so that its location or position does not interfere with its proper ventilation.
6. This product should be located away from heat sources such as radiators, heat registers or other products that produce heat.
7. The product should be connected to a power supply only of the type described on the operating instructions or as marked on the product.
8. This product may be equipped with a polarized line plug (one blade wider than the other). This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.
9. The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time. When unplugging the power-supply cord, do not pull on the cord, but grasp it by the plug.
10. Care should be taken so that objects do not fall and liquid are not spilled into the enclosure through openings.
11. The product should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled into the product; or
 - C. The product has been exposed to rain; or
 - D. The product does not appear to operate normally or exhibits a marked change in performance; or
 - E. The product has been dropped or the enclosure damaged.
12. Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.
13. **WARNING** - Do not place objects on the product's power cord or place it in a position where anyone could trip over, walk on or roll anything over it. Do not allow the product to rest on or to be installed over power cords of any type. Improper installations of this type create the possibility of fire hazard and/or personal injury.

SAVE THESE INSTRUCTIONS

CARLSBRO

THE WANDERER

INTRODUCTION

Thank you for buying The Wanderer PA system. Correctly used it will provide years of reliable service and fulfil all your performance needs. Please read this user guide thoroughly in order to safeguard your equipment and to obtain maximum performance from it.

UNPACKING AND INSPECTION

Carefully unpack the unit. If it appears damaged in any way, return it to the retailer it was purchased from in its original packaging. Carlsbro Electronics Ltd cannot accept any responsibility for damage arising from the use of non-approved packaging.

System Contents

The Wanderer

1. AC Cord
2. Signal Cable
3. User Guide

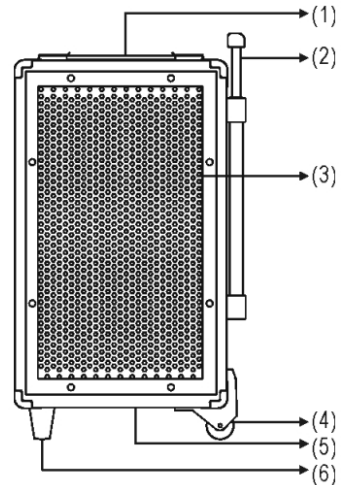
The Wanderer Deluxe

1. AC Cord
2. Signal Cable
3. User Guide
4. Handheld or Headset Microphone
5. 9V Battery
6. Body Pack Transmitter
(Headset version only)

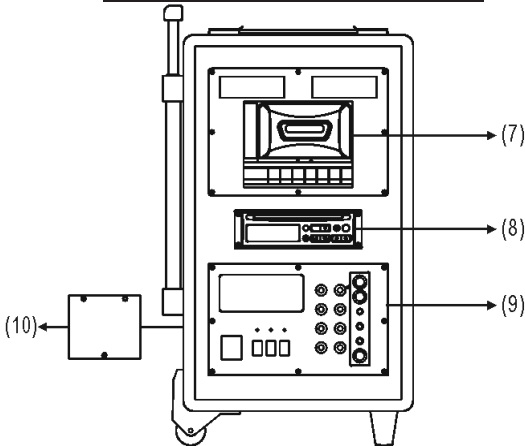
Front Panel Facilities

1) Main Unit

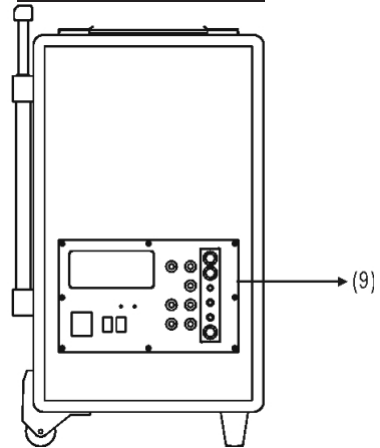
- (1) Strap Handle
- (2) Telescopic Trolley Handle
- (3) Metal Grill
- (4) Wheels
- (5) Pole Mount
- (6) Foot Stand
- (7) Tape Player & Recorder
- (8) CD player
- (9) Control Board
- (10) Battery Compartment Cover



The Wanderer Deluxe

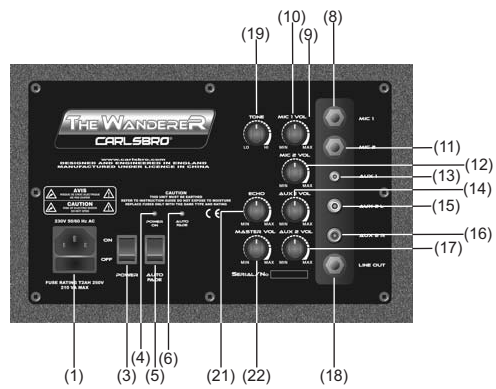
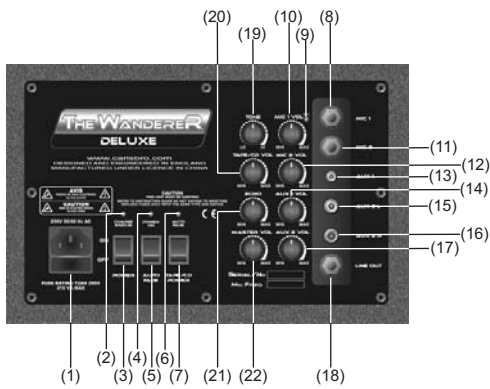


The Wanderer



2) Control Board

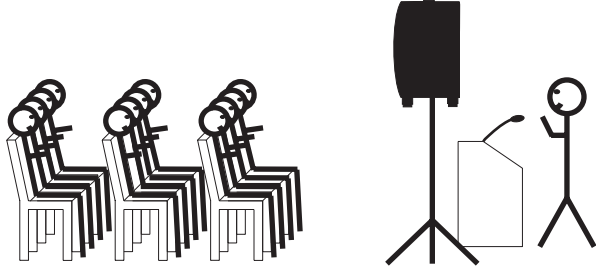
- (1) Mains Inlet Socket. This socket is for the connection of a 230V 50/60Hz mains voltage supply.
- (2) Charge Status. When this light is flashing the unit is charging, When the unit is fully charged the light stays illuminated.
- (3) Power Switch
- (4) Power on light, this illuminates green when the batteries are full or the unit is run from the main but changes to red when they need recharging



- (5) Auto Fade Switch. When activated this will automatically reduce the volume of any audio signal when microphone 1 is in use.
- (6) Auto Fade indicator, when this is illuminated the auto fade feature is activated
- (7) Tape/CD Power, this switch turns the tape player and CD player on and off so as to preserve battery life when they are not needed
- (8) Mic 1, This socket is for the connection of a wired microphone either balanced or un-balanced.
- (9) Wireless Microphone Indicator. This light illuminates when the wireless microphone is connected.
- (10) Volume control for microphone 1 and wireless microphone
- (11) Microphone 2 input socket (balanced or un-balanced)
- (12) Volume control for microphone 2
- (13) Auxiliary input 1. This is a 3.5mm stereo jack socket suitable for the connection of mp3 players or other portable music players
- (14) Volume control for Auxiliary 1
- (15) Left phono input for Auxiliary 2
- (16) Right phono input for Auxiliary 2
- (17) Volume control for Auxiliary 2
- (18) Line out Jack socket, either balanced or un-balanced
- (19) Tone control
- (20) Tape/CD playback Volume
- (21) Echo control, this controls the amount of echo available to the microphones, to switch off turn the control fully anti-clockwise
- (22) Master Volume, this controls the overall volume of the system

Using The Wanderer

We recommend that the wanderer system be placed higher than the heads of the audience, therefore making it easier for the people at the back to hear the system, while not being too loud for the people at the front.



Avoiding Feedback

Feedback is a high pitch noise that comes from the amplifier and is caused when the microphone is too close to the speakers. Any sound that the microphone picks up will be amplified by the unit and the microphone will pick it up again, this will continue until the microphone is moved away from the wanderer. To avoid feedback always stand behind the wanderer when using the microphone. If feedback still occurs follow the instructions below to prevent this from happening. Please note feedback can permanently damage the electronics of your system and can damage the hearing of anyone in the vicinity if the volume is set too loud.

Feedback is usually caused by:

- The Microphone being too close to The Wanderer, or the microphone being pointed directly at the speaker.
- The volume of The Wanderer is set too loud for the room where it is being used.
- Sound being reflected from hard surfaces in the room. To reduce this close all curtains and try moving the unit around the room until the feedback disappears.

Setting up multiple Wanderer systems.

Should you need to use multiple Wanderer systems to transmit the same signal, for example if you need:-

- To give a talk to people in multiple rooms
- To address an outdoor event
- Background music in a large hall

Then you can connect the line out from the Wanderer that you are using to talk or play music through, and connect this to the Auxiliary input of another Wanderer, again the line out of the second wanderer can be connected to a third and so on. To set up the desired sound, set up the first unit as normal, then using the Auxiliary volume and master volume set up the second unit and so on along the chain.

Taking Care of Your Batteries (The Wanderer Deluxe)

When you first get The Wanderer Deluxe it is advisable that you give the Batteries a full charge. To do this connect the unit to the mains and leave the unit turned off, the charging light should light up. Leave The Wanderer to charge for at least 7 to 10 hours for the first time.

After this has been done, to prolong the life of your batteries, try to charge the unit fully after every use. When the charging light starts to flash the unit is fully charged.

Expected Battery Life

Depending on the volume of the amplifier and whether it is being used for music or just speech, this will effect the length of time that the batteries can work for. You can reasonably expect the unit to work for 2-4 hours at full volume with a constant music input. If you use The Wanderer just for voice the batteries should to last for in excess of 4 hours.

General Controls

Mic1 & Mic 2

These two jack sockets are for the connection of either balanced or unbalanced microphones, the level of which is controlled by their own volume controls which are situated to the left of the socket. When the wireless microphone is in use it uses the same volume control as mic 1, if a wired microphone is connected to mic 1 at the same time they share the same volume setting.

Aux 1, Aux 2 L & R

These sockets are for the connection of any line level signal from mp3 players, minidisc players etc. Aux 1 is a stereo mini jack socket which is perfect for the connection of personal audio players whereas Aux 2 is designed for the connection of HI-Fi components. Each Aux connection has its own level control situated to the left of the sockets.

Line Out

This 1/4" jack socket is a line level output that combines all the audio signals in the wanderer so that it can be connected to either other amplification equipment or recording equipment.

Auto Fade

When engaged this will automatically reduce the volume of any music being played through the unit when you speak through either the radio microphone or through a microphone connected to mic 1.

Echo

This control adjusts the amount of echo available to the microphones. When it is set to minimum there is a switch connected to the knob which will turn the effect off for when it is not required.

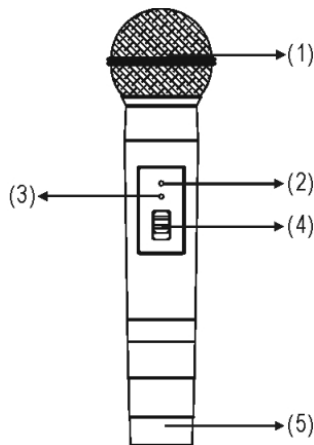
Tone

The tone control effects the overall sound that the unit produces, when it is set to low the sound will have more bass response, likewise when set to high the sound will be much brighter.

Handheld Microphone

- (1) Wind Shield
- (2) Power Light
- (3) Low Battery Light
- (4) On/Off Switch
- (5) Battery Compartment Cover

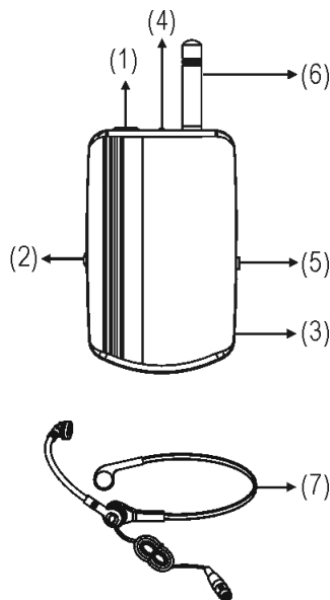
To use the radio microphone unscrew the battery cover (5) and insert a 9V battery making sure the polarity of the battery is correct. Turn the microphone switch to on and the power light should illuminate, if it doesn't or if the low battery light illuminates replace the battery and try again.



Headset Microphone

- (1) Microphone In Socket
- (2) Volume Control
- (3) Battery Compartment Cover
- (4) Power Light
- (5) On/Off Switch
- (6) Antenna
- (7) Headset Microphone

To operate the headset microphone first remove the battery cover (3) and insert a 9V battery, making sure that the polarity of the battery is correct. Now connect the microphone (7) to the microphone socket on the transmitter (1). Turn the unit on (switch 5) and make sure that the power light (4) flashes once, if the light does not flash or if the light stays illuminated the battery is low and needs replacing.



Troubleshooting

Problems with your Wanderer

Probable Cause

No sound (power light off)

- Power switch off
- Batteries discharged
- Blown fuse

No sound (power light on)

- No signal connected
- Sound source turned off
- Damaged cable
- Volume set too low

Charger light doesn't come on

- Blown Fuse

Output is Distorted

- Volume set too high
- Input signal is too strong
- Damaged input cables

A large amount of hum is audible

- Input cable is un-screened

Poor battery life

- Batteries not fully charged
- Batteries need replacing

CD/Tape recorder not working

- CD/Tape power button off

Tape player will not record

- No tape inserted
- Tape has had the protection tabs removed

The sound is either too bassy or too bright

- Adjust the tone control to get the desired sound

Microphone Problems:

No sound (wireless mic indicator on)

- Mic 1 or master volume too low
- No microphone plugged into transmitter pack

No sound (wireless mic indicator off)

- Replace battery in transmitter

Carlsbro Electronics Limited constantly seek ways to enhance our products, and improvements take place continually. Whilst every effort is made to produce up to date literature, Carlsbro Electronics Limited reserve the right to alter specifications without prior notice.

General information

When using The Wanderer system, always turn the master volume of the amplifier to its lowest position when you turn it on. Never set the amplifier so high as it goes into clip, as this will permanently damage your speakers.

The unit is factory set for the nominal voltage specified on its rear panel, and should be used with the mains lead supplied.

For 230V the working range is 207 - 253V, 50 - 60 Hz AC

Service

All Carlsbro products are thoroughly examined and tested before leaving the factory, and if correctly used will give many years of excellent service. However, if a problem arises, proceed as follows;

- A) Contact the retailer from whom the unit was purchased and describe the symptoms of the fault.
- B) If the retailer cannot help, return the equipment to the national distributor for your country. Use the original packaging to protect the product from damage. Include a note with the equipment stating your name and address, details of the problem, serial number, date and place of purchase.

The unit does not contain any user serviceable parts. For details of spares, accessories and other Carlsbro products, contact your local dealer. In the event of any difficulty contact our sales office at the address below.

**Please take the time to send back your warranty card, alternatively you can fill in your warranty card online at www.carlsbro.com
Together we will make music matter**



COMPLIANCE

This equipment is designed to comply with the following standards;

BS EN50082-1:1992

BS EN55013:1990

BS En60065

TEL: +44 (0) 1623 753 902

FAX: +44 (0) 1623 753 902

EMAIL: sales@carlsbro.com

WEB: www.carlsbro.com

"We have been producing world class amplification and PA since 1959 thank you for your support, together we can make music matter!"

Andrew Bishop
Chairman



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CARLSBRO

WORLD CLASS PA & AMPLIFICATION SYSTEMS SINCE 1959