

# DNM AUDIO STREAMER AS-04 WITH AMPLIFIER



TOP VIEW



REAR VIEW



SIDE VIEW

## **AS-04 – User Guide**

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## Specifications:

Output power	2 x 25W RMS
Max output power	100W
Frequency response	20Hz ~ 20KHz
Impedance	4~8 ohm
Bluetooth range	10 meters
Inputs	Wifi & Bluetooth Streaming, Line in(3.5mm)
Operation power supply	230V to 24VDC/3A Power Adaptor Included
Dimensions	130x130x30mm
Weight	0.3 kgs

# Safety Instructions

## WARNING

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



## CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).

NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



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.



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

## Safety Instructions

The followings safety instructions have been included. Please read them carefully.

1. Read Instructions - All the safety and operating instructions should be read before the appliance is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - Adhere to all warnings on the appliance and in the operating instructions.
4. Follow Instructions - All operating and use instructions should be followed.
5. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool etc.
6. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
7. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliance (including amplifier) which produce heat.
8. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
9. Power - Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
10. Cleaning - The appliance should be cleaned only as recommended away from power lines.
11. Power-Lines - An outdoor antenna should be located away from power lines.
12. Nonuse Periods / Thunder - The power Cord of the appliance should be unplugged from the outlet when left unused for a long period of time or during thunder storm to avoid damage.
13. Object and Liquid Entry - Care should be taken so that objects and liquids are not spilled into the enclosure through openings as it may cause electric shock.
14. Damage Requiring Service - The appliance should be serviced by qualified personnel when:
  - A. The power - supply cord or the plug has been damaged, or
  - B. Objects have been fallen, or liquid has been spilled into the appliance, or
  - C. The appliance has been exposed to rain, or
  - D. The appliance does not appear to operate normally, exhibits a marked change in performance or an abnormal smell emanates, or
  - E. The appliance has been dropped, or the enclosure damaged.
15. Connecting - Do not switch on amplifier when connecting speakers / inputs and AS-04.
16. Repacking the appliance - When sending the appliance by a transport company, use the original packaging to prevent its damage during transport.
17. Servicing - The user should not attempt to service the appliance. All servicing should be referred to qualified service personnel only.

### Caring for the Exterior Panels

Caring for the exterior panels of the unit should be limited to wiping with a soft dry cloth. Avoid using solvents or alcohol based cleaners.

## Introduction

Thank you for purchasing the DNM AS-04 unit. We hope that your experience with the AS-04 will be enjoyable for many years to come.

The AS-04 is a wireless receiver with a built in amplifier capable of wirelessly streaming music in high resolution. Simply connect the AS-04 to your Wi-Fi network, download the free MUZO app for your smartphone or tablet and you're good to start streaming music.

The only connection required between the AS-04 and your speakers are good quality speaker wires. You can also stream via Bluetooth.

The AS-04 can be easily configured for multi-room audio system around your home/commercial premises.

## Front panel layout



1. Blue Light: Bluetooth mode  
Red Light: Wi-Fi mode  
Green Light: Line In mode
2. WPS Button: Press to connect AS-04 to Wi-Fi

## Rear panel layout



1. Line In: 3.5mm audio stereo input
2. Line Out: 3.5mm audio stereo output
3. Speaker Out L/R: Binding posts to connect with passive speakers
4. Power Input Port: Connect power cable here
5. LAN Connection: Connect directly to a router

## Top panel layout



1. Mode Button: Press to scroll between WiFi, Bluetooth and Line In mode
2. Pair Button: Press to make the AS-04 search for Bluetooth devices in Bluetooth mode
3. Pre-set & Power Button: Long Press – Power on/off, Short Press - Scroll between selected pre-sets
4. Volume Down: Press to decrease Volume
5. Volume Up: Press to increase Volume

## Initial System Setup

In the box

- AS-04 unit
- Quick Start Guide
- 230V to 24VDC/3A Power Adaptor

## Initial Setup Steps

Connect a pair of speaker cables to the appropriate binding posts on the rear of the AS-04. Then connect the other ends to a pair of passive speakers. Ensure positive + and negative – are matched with the AS-04 and speakers. (Speaker cables are not included in the packaging.)

Locate the AC/DC power adapter and insert the end into the power input on the rear panel.

Then insert the mains plug into the adapter and connect the other end to a main socket.

Turn on the power switch at the socket and you should hear “Power on – WiFi mode” if the AS-04 is connected properly to your amp/speakers.

Note:

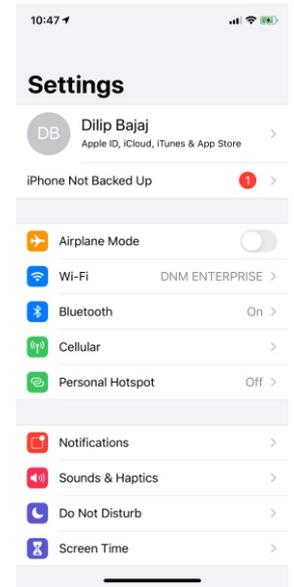
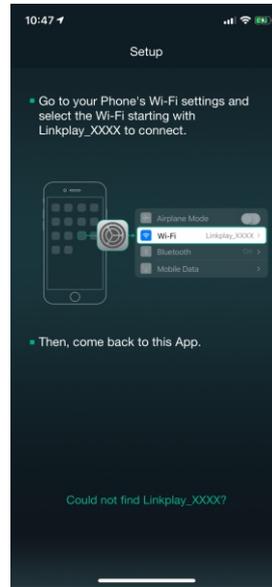
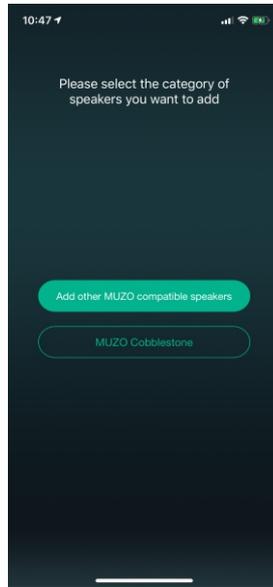
1. If you're not intending to connect the AS-04 directly to passive speakers, you can connect a 3.5mm jack cable to the Line Out port and connect the other end to an amplifier or active speakers. Then follow steps 2-4
2. Make Sure you are connected to 2.4G Wi-Fi as the AS-04 is only compatible with 2.4G Wi-Fi

# Wi-Fi mode

## App download

The MUZO player app (as per attached icon below picture 2 - name may vary) helps you get setup for the first time, and helps get the most out of your AS-04's functions. The app is compatible with iOS and Android smartphones, and can be downloaded for free on Google Play or in the App Store.

1. Confirm that your Digital Device such as phone is connected to your Wi-Fi Router.



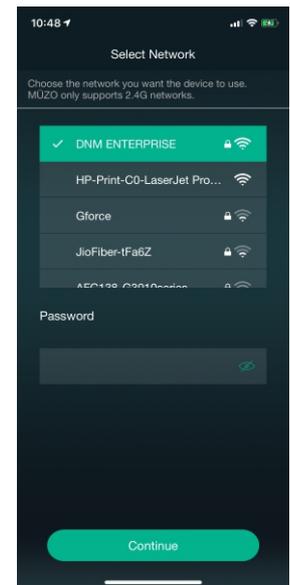
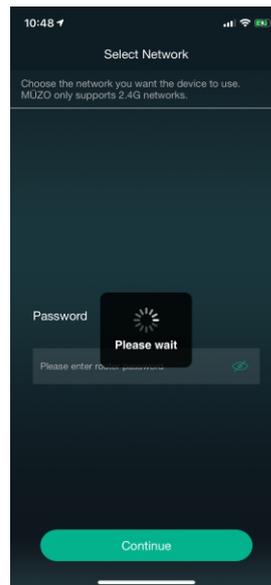
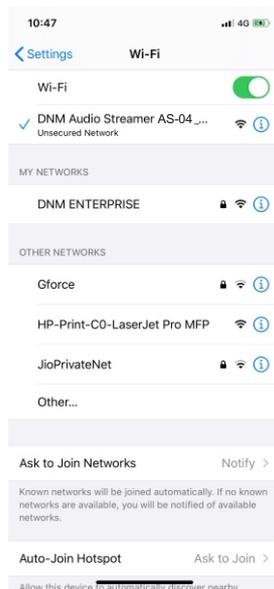
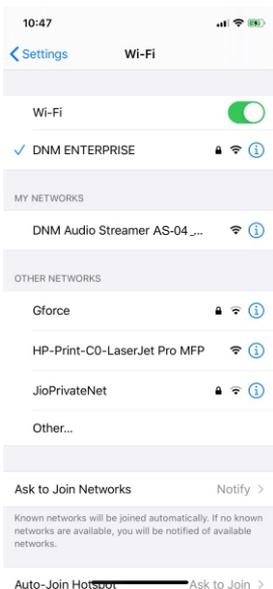
2. Download the free MUZO Player App on your Digital Device.

3. Open the MUZO Player App and you will see the above screen, select Add Device.

4. This above will then appear, select MUZO Cobblestone.

5. This above will appear and you will be prompted to go to your Wi-Fi Settings.

6. Once you open your Wi-Fi settings, you will see that your device is connected to Wi-Fi (in this case DNM Enterprise).

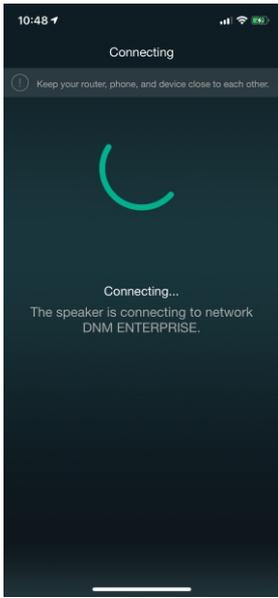


7. When you select your Wi-Fi settings, you will notice the DNM Audio Streamer AS-04 in the list of available devices.

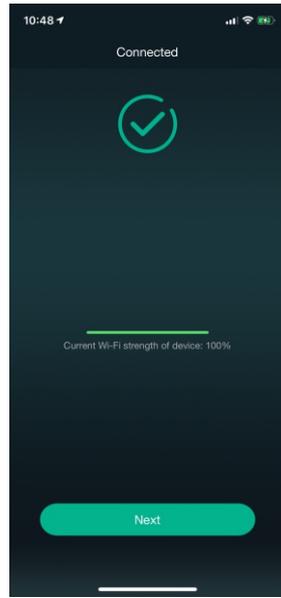
8. Select the DNM Audio Streamer AS-04 as shown in picture.

9. Once more open the MUZO Player App. A screen as above will appear, select Continue.

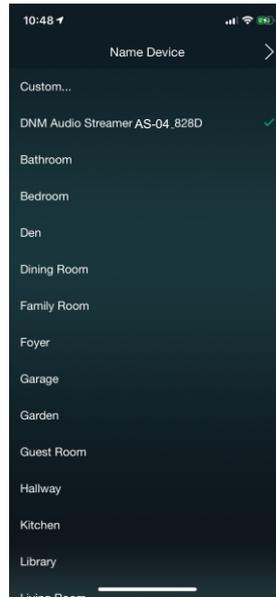
10. Reconnect your Digital Device to your Wi-Fi Router and insert the password if required. Select Continue.



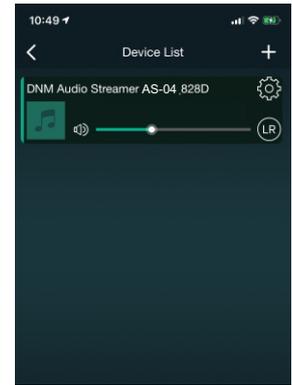
11. Your device will then connect to your Wi-Fi Router along with the DNM Audio Streamer AS-04.



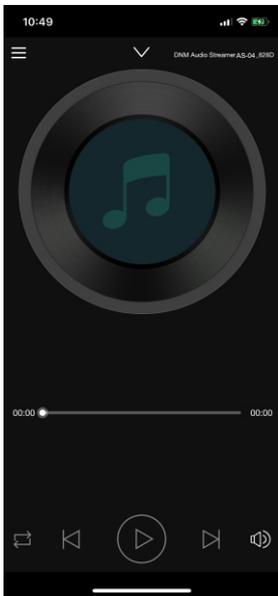
12. The above will appear on your Digital Device. Select NEXT.



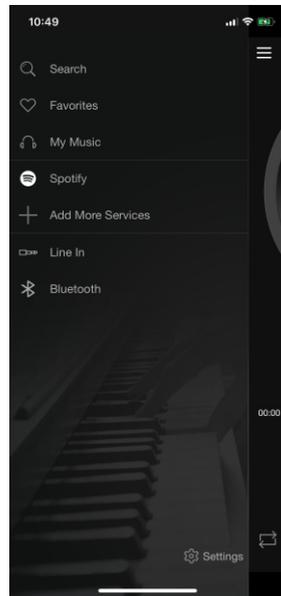
13. You now have the option to rename the AS-04 from the existing lists. You may also customize.



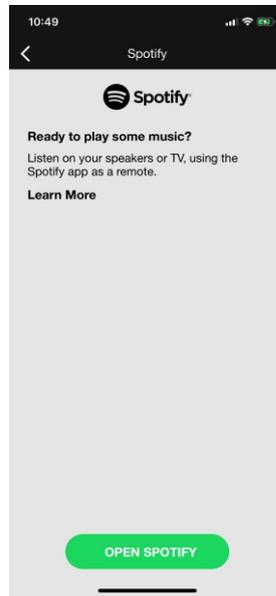
14. We decided not to rename. Going forward, the next screen showed up as per above. At this stage if you need to add more Streamers in the network, then you may click on the + sign available on the top right corner of the Screen. If there are no more Devices then click on the Back symbol.



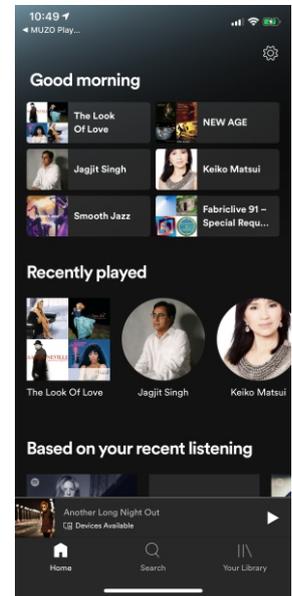
15. Clicking on the Back Symbol opens this screen on your Device. Now Click on Menu Bars available on the top left hand side of the Screen.



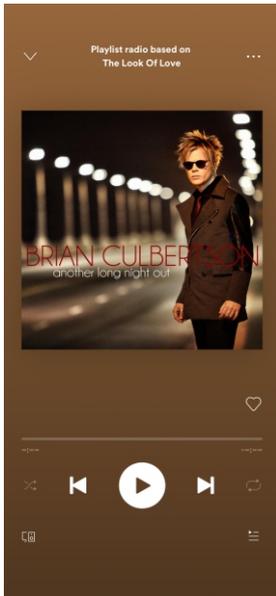
16. This new page will appear on your Device. If you have a paid connection of Spotify then select Spotify.



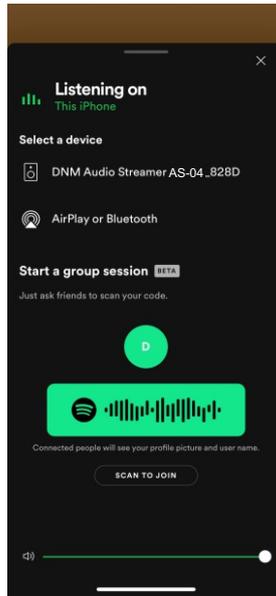
17. This is the next screen that will open. Select OPEN SPOTIFY.



18. This or similar page would appear on your screen. You should now select a song to play.



19. Once a song is selected, play it. You will notice the Devices Available to play on at the bottom left corner of your screen. Click on this icon. ←

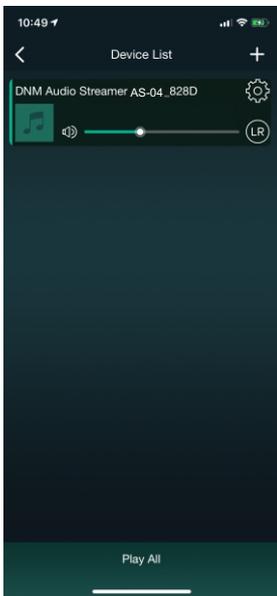


20. Select DNM Audio Streamer.

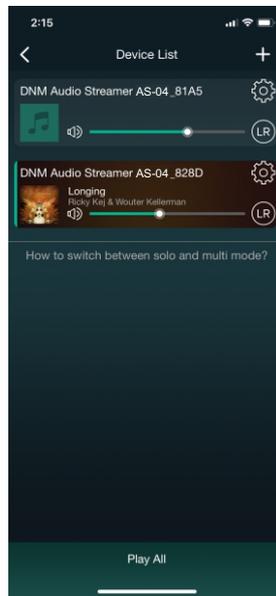


21. The audio would then be available on the output of your DNM Audio Streamer within a few seconds.

## Solo mode and Multi mode



1. In order to use this setting, you will need a minimum of 2 DNM Audio Streamer AS-04. Press the cross icon in the top right corner to add more devices to your Wi-Fi.



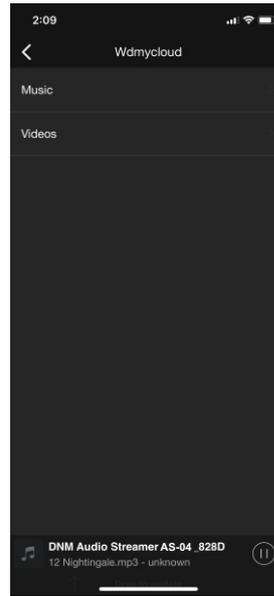
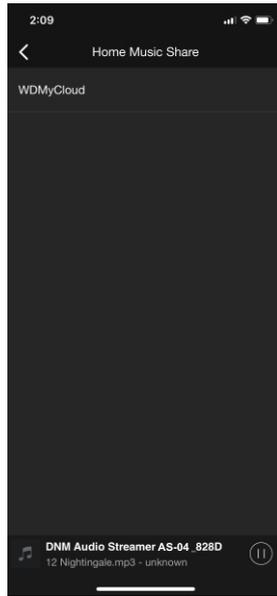
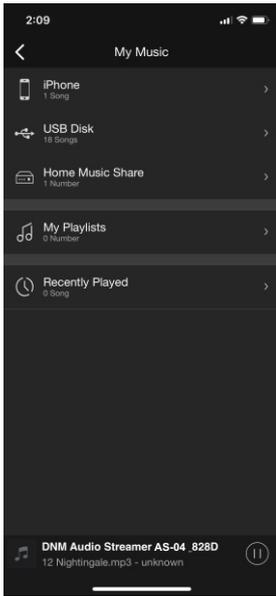
2. To group speakers together, simply press and hold one of the products within your 'Device List' and drag it on top of another product.

3. When grouped together, the AS-04 will respond by saying "group mode." There will also be a white line on the app to show the connection of grouped products. You can group up to a maximum of 16 AS-04 together.

4. If you change your mind and want to ungroup products, simply perform the reverse of this process to return to solo mode.

# Playing Music From A NAS

1. Transfer your music into your NAS such as the WD My Cloud or similar.



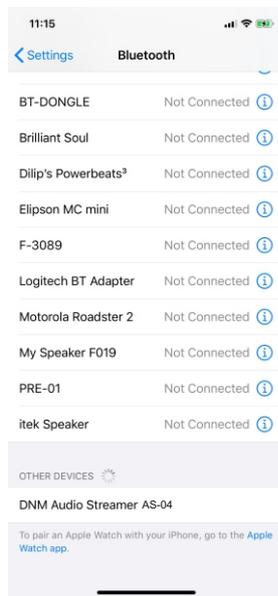
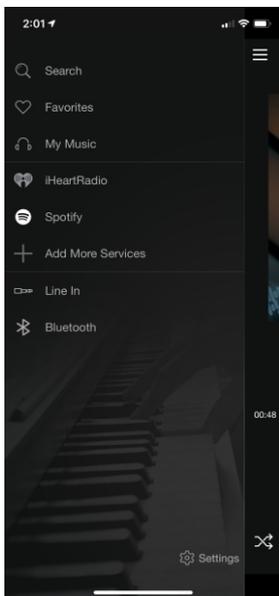
2. Connect your NAS to your Wi-Fi router. The NAS will be visible in your MUZO player app as Home Music Share.

3. Select Home Music share. The name of the NAS would be displayed as above.

4. You will be displayed the list of songs available for playback. Select the song that you need to play.

5. You can now play music to the AS-04 from your NAS.

# Bluetooth mode



1. Select Bluetooth on your DNM Audio Streamer AS-04 directly from the top panel or via the MUZO Player App. The Blue LED will flash on your AS-04.

2. Switch On the Bluetooth on your Digital Device.

3. The DNM Audio Streamer AS-04 will be displayed in the list of devices that can be paired.

4. Pair the devices and play back your music.

# Line In mode

1. Whilst the AS-04 is turned off, connect a 3.5mm jack cable to the 'Line in' port at the rear of the unit and the other end of the cable to your source. This is to avoid speaker pop when the AS-04 is turned on.

2. Hold the power/pre-set button to turn on. If performed correctly, the AS-04 will respond by saying "Power on." The unit will then tell you what mode is currently activated. E.g Wi-Fi mode.

3. Press the mode button until the unit responds saying "Line In mode." The mode light will also turn green.

4. You can now play music to the AS-04 via your source.

## Additional Information

1. Factory Reset: Pressing the WPS button will make the AS-04 search for a Wi-Fi connection. However if you HOLD the WPS for 5 seconds, the AS-04 will restore itself to factory settings.
2. Ethernet Connection: If you connect one end of an Ethernet cable to the LAN port of the AS-04 and the other end to your router, the AS-04 will bypass the Wi-Fi setup phase on the MUZO player app. Open the MUZO player and the AS-04 will be there on your 'Device List' page.

## Troubleshooting

Problem	Possible Cause
No power	<ul style="list-style-type: none"><li>- The power cable is loose. Readjust the cable</li><li>- Power switch is not turned on at the socket</li></ul>
No sound	<ul style="list-style-type: none"><li>- The speakers are disconnected</li><li>- Volume control is at lowest level</li><li>- The 3.5 mm jack is not inserted properly</li></ul>
Suddenly no sound during operation	<ul style="list-style-type: none"><li>- Speakers may have been disconnected from Wi- Fi/Bluetooth.</li><li>- The product may have entered overheat protection mode</li><li>- 3.5mm jack disconnected</li></ul>
Bad sound/sound distorted	<ul style="list-style-type: none"><li>- Audio source problem.</li><li>- Bad or incorrect speaker connections</li></ul>
Product dropping in and out of Wi-Fi	<ul style="list-style-type: none"><li>- Wi-Fi speed</li><li>- Product too far away from router</li></ul>
Cannot connect to router	<ul style="list-style-type: none"><li>- Ensure router is dual band, as AS-04 only connect with 2.4GHz and NOT 5GHz</li></ul>
Product dropping in and out of Bluetooth	<ul style="list-style-type: none"><li>- Source is too far away from speaker</li><li>- Bad Bluetooth signal from source</li></ul>

Note: As part of our continuing programme to improve the design and quality of our products we shall be free to make changes in the design and specifications without any notice.