

Manhattan

S4•R

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1. Safety

⚠ WARNING: To avoid injury, read all safety information below before using the Manhattan S4-R. Please heed all warnings and keep these instructions. Failure to follow these safety instructions could result in fire, electric shock or other injury or damage to the S4-R or other property.

Device Information

Information such as the model number, serial number and electrical rating are located on the bottom of the Manhattan S4-R.

Power

Only use the power adapter included with your Manhattan S4-R, as specified in **Section 7, “Hardware Specifications” (page 8)**. First, connect the 12V DC plug to the S4-R, then connect the UK mains plug to an electrical outlet with a 100V - 240V AC, 50/60Hz supply.

The mains plug is used as the disconnection device. Make sure it is easily accessible to quickly disconnect the S4-R from the electricity supply when needed. The S4-R has no on/off switch. To disconnect the S4-R from power, switch off the mains socket it is connected to, and then unplug the mains plug. When connecting or disconnecting the mains plug, always hold it by its sides and keep fingers away from the metal part of the plug.

Cables

Position all cables to avoid being walked on, crushed or damaged by things placed on or against them. Pay particular attention to the power cable where it connects to the Manhattan S4-R and comes out of the power adapter. Always disconnect the S4-R as described in the “Power” section before connecting or disconnecting cables from it.

Temperature & Moisture

The Manhattan S4-R is designed for use in ambient temperatures between 0° and 35° C (32° and 95° F) and humidity levels of 20% to 80% RH (non-condensing). It should be stored at temperatures between -20° and 45° C (-4° and 113° F). The case may become warm during operation as it dissipates internal heat, which is normal.

Do not expose the S4-R to extreme temperature changes or high humidity, as this can cause condensation. Do not allow the device to get wet, and protect it from dripping or splashing liquids. Do not place objects filled with liquids, such as vases, on or near the S4-R. If liquid or a foreign object enters the unit, disconnect it immediately as described in the “Power” section and contact Manhattan customer support.

Location & Ventilation

The Manhattan S4-R is an indoor product; do not use it outdoors. Ensure at least 10cm of clearance between the S4-R and any appliances susceptible to electromagnetic interference, such as TVs or consoles. Slots and openings in the S4-R's cover are for ventilation. Ensure the ventilation is not impeded by covering the ventilation opening with items such as newspapers, table-cloths, curtains, etc. Do not stack other electronic equipment on top of the S4-R. Do not stand the S4-R on soft furnishings or carpets. Failure to follow these instructions could lead to the S4-R overheating.

⚠ WARNING: Do not insert foreign objects into the S4-R through its air vents. You run the risk of electric shock, and damage caused is not covered by the limited warranty.

Heat, Flames & Lighting

⚠ WARNING: Do not place the Manhattan S4-R near to naked flames or sources of intense heat, such as an electric fire. Do not place naked flame sources, such as lighted candles on the S4-R. If there is a storm or lightning, unplug the S4-R.

Batteries

The Manhattan S4-R remote control takes two AAA batteries. Always replace dead batteries with two brand-new batteries from the same manufacturer. Do not mix old and new batteries or different battery types (e.g. alkaline and manganese batteries). Never use damaged batteries. Do not expose batteries to excessive heat such as sunshine, fire or the like.

Remove batteries from the remote control when not using for a prolonged period of time to prevent battery leakage, corrosion and explosion.

Servicing

⚠ WARNING: Do not attempt to open the Manhattan S4-R or disassemble it. You run the risk of electric shock, and damage caused by disassembly is not covered by the limited warranty. No user-serviceable parts are inside.

Make sure that anyone who services your S4-R is qualified to do so. Make sure the person carrying out the repair uses parts which are specified by us or which have the same specifications as the original part. Other parts may cause a fire, electric shock or other dangers.

If the power adapter breaks or becomes damaged, do not use it. Do not cut or open the power adapter, as this will expose you to dangerous high voltages present inside. The power adapter is non-serviceable and does not have any replaceable parts inside. If the power adapter is damaged, it must be replaced by the manufacturer, its service agent, or suitably qualified persons in order to avoid a hazard.

Hazards To Children

⚠ WARNING: The packaging of this product may cause suffocation. Keep AAA batteries and small accessories away from young children as they may present a choking hazard.

Do not place the Manhattan S4-R or its accessories within reach of young children or on an unstable surface. Pulling on cables can cause the device to fall, and cables can present a strangulation hazard.

Cleaning

Before cleaning the Manhattan S4-R, disconnect it as described in the "Power" section and disconnect all cables. Use only a soft, dry, lint-free cloth. Microfibre cloths are recommended. Don't use liquids, window cleaners, household cleaners, aerosol sprays, solvents, alcohol, ammonia or abrasives.

2. Environment

This symbol means that according to local laws and regulations your product and/or its batteries shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product and/or its batteries at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.



3. Privacy

Manhattan does not collect data through the S4-R. During installation, you will be shown a privacy notice explaining how third-party services such as Freesat may collect data. If you register your product with Manhattan, see our privacy policy at <https://www.manhattan-tv.com/privacy> for details on how we handle your data.

4. Warranty

Subject to the additional Terms and Conditions set forth above, Manhattan provides this Limited Warranty:

- only to the person or entity that originally purchased the Hardware (“you” or the “end user”); and
- only for Hardware purchased and delivered to the end user within the United Kingdom

Limited Warranty

Manhattan warrants that the Hardware is free from defects in materials and/or workmanship when the Hardware is subjected to normal use for a period of one year (twelve months) from the date of purchase (“Warranty Period”). If Manhattan determines that the Hardware is defective (other than as specified below), Manhattan will either repair or replace the Hardware, to a functionally equivalent standard, at its option.

Any replacement Hardware will be covered by this warranty for the remainder of the original Warranty Period or for thirty days from the date that the replaced Hardware is delivered to the customer, whichever is longer. If the Warranty Period has expired or is otherwise not applicable (see “Scope and Limitation of Warranty” below), we will return the Hardware, to you, subject to shipping and handling charges.

This Limited Warranty does not affect your statutory and other rights under legislation governing the sale of consumer goods.

Offer to Extend Warranty to Two Years

For end users qualifying for the Limited Warranty, Manhattan offers to extend the Warranty Period to two years from the date of purchase if:

- within 30 days of purchase the purchaser completes the registration process at <https://manhattan-tv.com/register>; and
- the purchaser receives confirmation from Manhattan of the activation of the 2 year warranty.

Scope and Limitation of Warranty

The warranty on the Hardware is limited to the repair or replacement of defective Hardware as described in the “Limited Warranty” section above. The warranty does not cover the following:

- customer training or education, installation, removal, set up adjustments, or signal reception problems;
- any defect, failure or other issue related to the service or content provided or to be provided by third parties such as your internet or television service provider, including but not limited to service disruption, changes in service terms, changes in offerings, changes in format, or technical problems (for further details see the “Internet and Television Services” section above);

- damage, deterioration or malfunction of the Hardware resulting from:
 - accident, misuse, fire, water, lightning or other acts of nature, abuse, ambient temperature outside of the range recommended for operation of the Hardware, negligence, commercial use or unauthorised modification of, or to any part of, your Hardware;
 - damage due to improper operation or maintenance, connection to improper voltage supply or attempted repair by anyone other than a facility authorised by Manhattan to service your Hardware;
 - use of supplies or parts not meeting Manhattan's specifications;
 - any damage of the product due to shipment;
 - the use of faulty, damaged or leaking batteries or battery packs, or any other use of batteries or battery packs not in accordance with the instructions;
 - normal wear and tear or damage/scratches to the external plastics;
 - failure of the owner to perform periodic product maintenance in accordance with any recommendations provided with the Hardware; or
 - abnormal operating conditions including smoke (e.g. cigarette smoke), steam and dust.
- consumables (such as fuses and batteries);
- the Hardware, if its serial number is altered, defaced or removed;
- the cost of sending the Hardware to an authorised Manhattan facility;
- the cost of returning the Hardware to locations outside of the United Kingdom;
- any personal settings or personal data stored on the Hardware which are removed, lost or corrupted during authorised (or unauthorised) repair services;
- defects or problems caused by Virus/Worm/Trojan infections or similar. Virus removal is not covered under warranty;
- defects or faulty operation resulting from your prevention of automatic updates to the Hardware.

Please note that where Hardware is not purchased in a consumer context, Manhattan makes no warranties express or implied as to the Hardware's fitness for purpose or quality and the Consumer Rights Act 2015 does not apply.

How to return or fix Hardware which is still under warranty

Please access and review the online help resources at <https://manhattan-tv.com/support> before seeking warranty service. To return or obtain warranty service for your Hardware, you must first obtain a Return Authorisation Number (RAN) number from a Customer Support Representative (CSR) at Manhattan. Customer Support contact information can be found by visiting: <https://manhattan-tv.com/contact>. RAN numbers expire thirty days from issuance. Manhattan may attempt to troubleshoot a warranty-related problem prior to issuing a RAN number. Please be prepared to provide additional information upon request.

Once a RAN number is obtained, you must ship your Hardware, freight prepaid, together with proof of purchase and all requested accessories, in either the original packaging or packaging affording an equal degree of protection, to the authorised Manhattan facility in the United Kingdom identified by the CSR. Failure to return any of the requested accessories could result in a delay and/or result in you being required to send the accessories for the service process to continue.

Important: When requesting a RAN number, if you have not already done so, you will be required to provide the following:

- Model number (located on a label on the underside of the Hardware)
- Serial number (located on a label on the underside of the Hardware)
- Problem description
- Software version (located in the Information menu)
- Place of purchase (reseller or online place of purchase)
- Date of purchase
- Your name, return shipping address and telephone number (P.O. boxes are not accepted)

5. Acknowledgements



Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.



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6. Compliance Information



Hereby, Manhattan TV Limited declares that the radio equipment type Manhattan S4-R is in compliance with EU Directive 2014/53/EU and UK Radio Equipment Regulations 2017.

The full text of the EU declaration of conformity and UK declaration of conformity are available at the following internet address: <https://www.manhattan-tv.com/compliance>

UK PSTI Compliance

Hereby, Manhattan TV Limited, declares that this product complies with the applicable security requirements in Schedule 1 of the Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023. The full statement of compliance is available at: <https://manhattan-tv.com/compliance>

External Power Supply Compliance

The power adapter bundled with the Manhattan S4-R is an external power supply that conforms to the ecodesign requirements as set out by EU Regulation (EU) 2019/1782 and The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2020 in the UK. For detailed information regarding the energy efficiency and conformity of the power supply, please visit: <https://www.manhattan-tv.com/compliance>

Wireless Specifications and EIRP

This device is restricted to use indoors to comply with EU and UK requirements when operating in the 5150 – 5350 MHz band. The table below details the maximum radio-frequency output of the Manhattan S4-R's Wi-Fi across different frequency bands and standards.

Frequency (MHz)	Maximum Power (mW)
2400 – 2483.5	< 100
5150 – 5250	< 200
5250 – 5350	< 200
5470 – 5725	< 200
5725 – 5875	< 25

7. Hardware Specifications

Physical

Dimensions: (W) 272 mm x (D) 197 mm x (H) 46 mm

Weight: S4A: 0.74 kg S4E: 1.08 kg
S4C: 1.08 kg

Note: The Model ID 'S4A' - 'S4E' is contained within the serial number, which can be found on the label underneath the set-top box, on the gift box, and shown in the Information menu.

Power

Source: 100-240V AC, 50/60Hz

Input: 12 V $\overline{\text{---}}$ 2.5 A

Consumption: Active, no USB device attached: Less than 27.5 W
Active, USB device attached: Less than 30 W
Sleep (Networked Standby): Less than 2 W
Energy Saver (Passive Standby): Less than 0.3 W

Power Adapter: One of MSS-V2500WR120-030E0-GB, SA30V-120250B, or GLH030A-1200250CB-001

Connections

Ethernet: RJ45, IEEE802.3 10BASE-T / 100BASE-TX

Digital A/V: HDMI v2.1 & HDCP v1.4/v2.3, maximum 2160p

Digital Audio: Optical SPDIF

USB: USB 2.0, 5V $\overline{\text{---}}$ 0.5A

Satellite Input: 2 x F-type female 75 ohm

Wi-Fi

Modes: 802.11 b/g/n/ac

Frequency Range: 2412 - 5875 MHz

Output Power: Maximum 20 dBm

Tuners

Standards: DVB-S / DVB-S2

Frequency Range: 250 - 2350 MHz

Bandwidth: 5 MHz & 45 MHz

Signal level: -60 dBm ~ -20 dBm

Operating Conditions

Temperature: 0° C - 35° C

Humidity: 20% - 80% RH (non-condensing)

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