


Blockbuster Power.



McIntosh®



A bright, airy living room with a large window and a beige ottoman. The window looks out onto a city street with buildings and trees. The room is well-lit, and the overall atmosphere is clean and modern.

The McIntosh MHT300 Home Theater Receiver is an uncompromising 7.2 (or 5.2.2) channel home theater powerhouse solution, which is sure to heighten a customer's emotional connection to what they are watching.

With support for breathtaking 8K/60Hz and 4K/120Hz video and leading home theater surround sound audio formats Dolby® Atmos and DTS:X™, plus delivering 120 – 150 Watts of legendary McIntosh power to home theater speakers, the MHT300 will make any customer's home cinema dreams come true.



Full power to all speakers, all the time

With the MHT300, the power ratings are for all seven channels being driven. That means every 4 Ohm speaker will receive 150 Watts and every 8 Ohm speaker will receive 120 Watts of heart pounding McIntosh power to bring the user's favourite movies and video content to life. Every explosion, every car chase, every high-speed flyby of a fighter jet or spaceship, every roar of the crowd after a game winning score will be faithfully reproduced by 120 – 150 Watts on every one of the customer's speakers.

Can expand to suit the customers needs

The MHT300 can grow with the customer's theater as its individual amplifier modules can be configured in many ways to suit their specific speaker configuration. If someday the customer's home cinema expands beyond seven channels, additional external amplifiers can be connected to the MHT300 to power them via the Height 1 and Height 2 audio outputs. An external amplifier, such as the McIntosh MI254 4-Channel Amplifier, would be connected to these outputs to drive these additional speakers. This would effectively turn the MHT300 into a 7.2.4 home theater receiver.





McIntosh

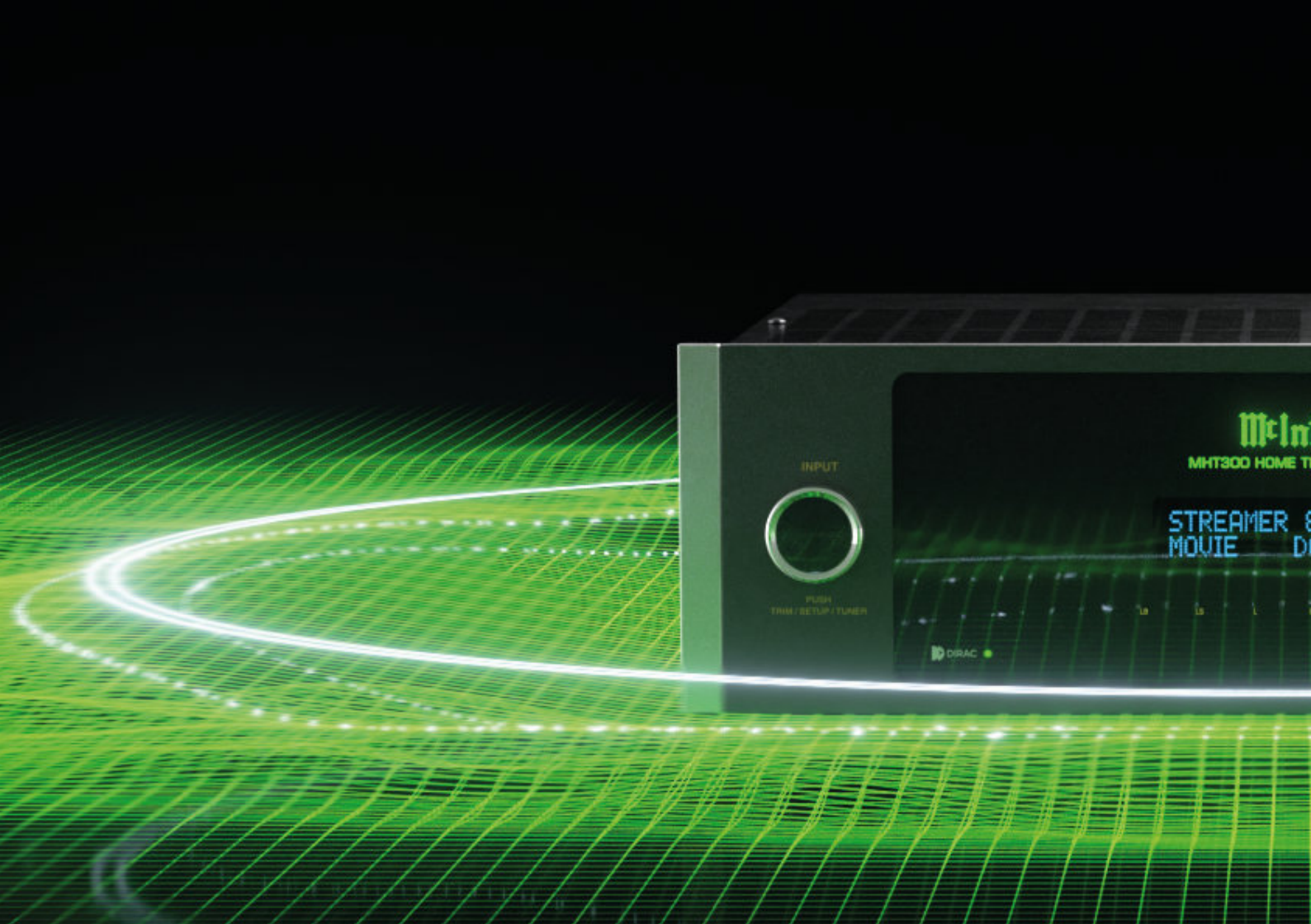
MHT300 HOME THEATER RECEIVER

STREAMER 8K MOVIE
DOLBY ATMOS
55%

VOLUME

PUSH
POWER / MUTE

dts x
96Dolby Atmos



INPUT



PUSH
TRIM / SETUP / TUNER

Marantz
MHT300 HOME TH

STREAMER &
MOVIE D

DIRAC

State of the Art Room Correction

Advanced room adjustment and correction is provided via Dirac Live. Dirac Live is an advanced room acoustic solution that enables the installer to optimise the sound systems and reduce unwanted effects introduced by the room.



Connectivity

The MHT300 has 4 x HDMI inputs and 1 x HDMI output. Each HDMI port is HDCP 2.2 compliant and support 8K/60Hz & 4K/120Hz. All ports have 18Gbps of bandwidth and are compatible with High Dynamic Range (HDR) formats Dolby Vision™, HDR10 and HLG; 4:4:4 colour spacing; Rec. 2020; and 3D video pass-through. The HDMI output features enhanced Audio Return Channel (eARC) functionality. Seven premium 32-bit Digital-to-Analog Converters (DACs) provide audiophile grade processing.

Easy Setup

Setup and configuration are easily performed via computer interface. To save time, the installer can pre-configure the unit before bringing it to the home and then simply load the configuration file at installation.





OUT/eARC

HDMI

1

2

3

4

IN

COAX

1

2

OPT

DIGITAL INPUTS

SW1

SW2

EIGHT L1

HEIGHT R1

HEIGHT L2

HEIGHT R2

AUDIO OUTPUTS

IN

OUT

IN

OUT

IN

OUT

IN

SETUP MIC TRIG

McIntosh HOME THEATRE
McINTOSH LABORATORY
HANDCRAFTED IN USA WITH

CAUTION
RISK OF ELECTRIC SHOCK





Other features included with the MHT300

- Power Guard® signal overload technology that prevents overdriving and damaging your speakers.
- Sentry Monitor™ short-circuit protection circuit that disengages the output stage should current ever approach unsafe operating levels and then resets automatically when operating conditions return to normal.
- Power Control to automatically turn other connected McIntosh components on and off.
- Eco-friendly on/off signal sensing that turns the unit off if no input signal has been detected for a set amount of time and – perhaps more conveniently – automatically turns the MHT300 on when it senses a signal from your home theater processor.
- An FM Tuner for enjoying free over-the-air radio broadcasts.



Channels:

7.2 (or 5.2.2) (expandable to 7.2.4)

Power Output:

Minimum sine wave continuous average power output:

7 Channels at 120 Watts into 8 ohm load (all channels driven)

7 Channels at 150 Watts into 4 ohm load (all channels driven)

Output Load Impedance:

8 and 4 ohms

Overall Dimensions:

Width is 17-1/2 inches (44.5cm)

Width is 19 inches (48.3cm) with Side Mount Brackets attached

Height is 6-1/16 inches (15.4cm) including feet

Depth is 21 inches (53.3cm) including the Front Panel and Cables

Rack Space:

3U

HDMI Input Rate and Formats:

32kHz to 192kHz, 24-Bit PCM, Dolby Atmos, DTS

Room Correction:

Dirac Live

HDMI Inputs:

4

HDMI Outputs:

1 (eARC/ARC)

HDMI (Inputs and Outputs):

Version 2.0, Dolby Atmos, DTS:X, Dolby Vision, HDR10, HLG, 18Gbps, 8K/60Hz and 4K/120Hz, 4:4:4 Color, Rec. 2020, 3D Video pass-through

HDCP:

Version 2.2

Digital Audio Inputs:

2 Coaxial

2 Optical

Coaxial/Optical Digital Input Rate and Formats:

32kHz to 192kHz, 24-Bit PCM, Multichannel PCM, Dolby Digital, DTS

McIntosh[®]

www.mcintoshlabs.com

