ASTRAL 16™
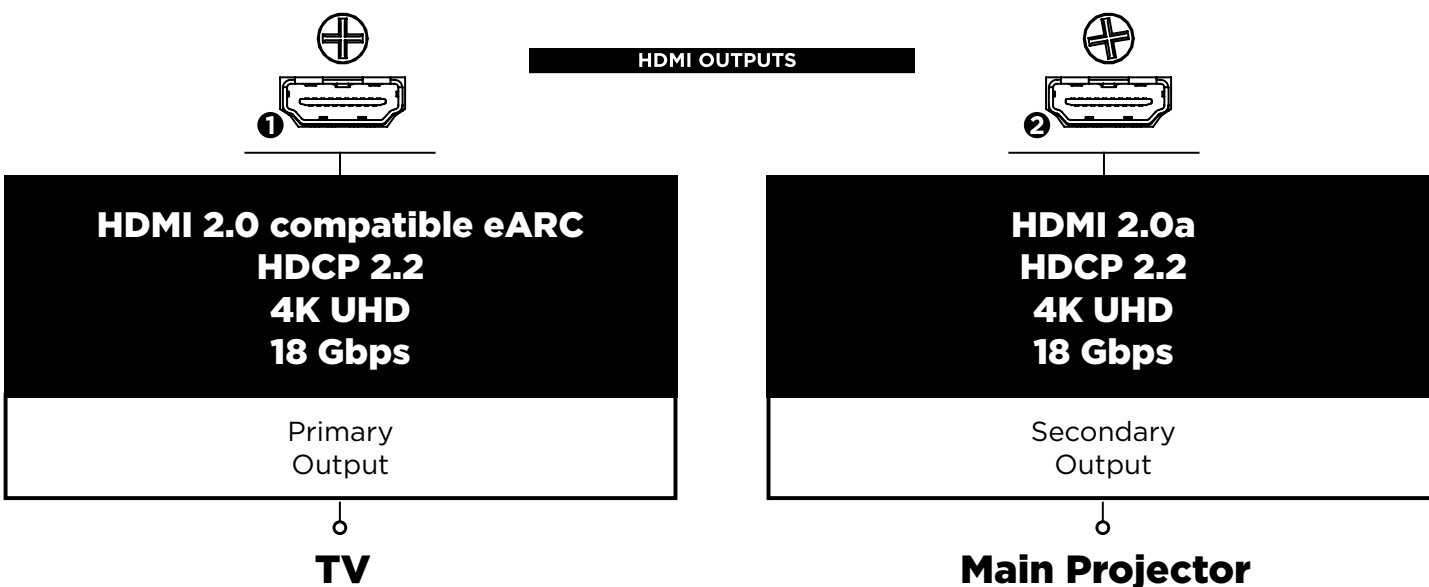## READ FIRST - HDMI connectivity

HDMI INPUTS

① ② ③ ④ ⑤ ⑥ ⑦

Device connected
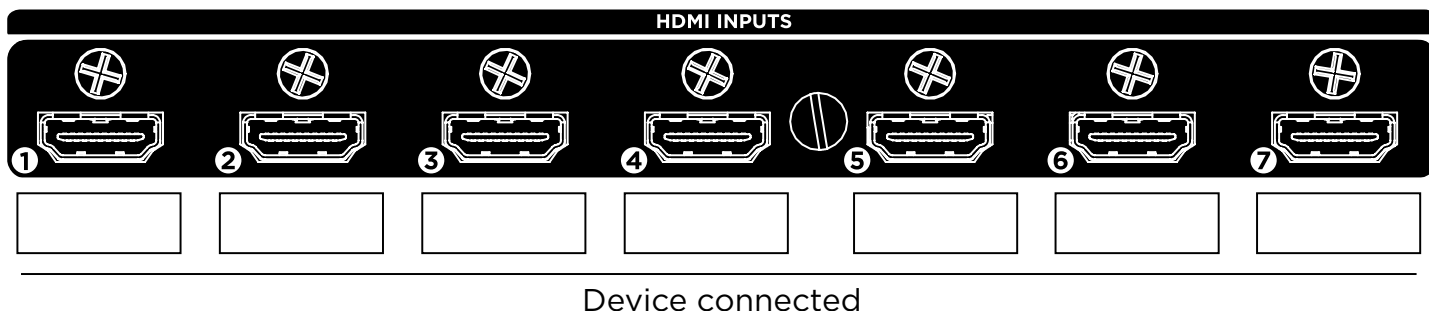
**HDMI 2.0a
4K UHD / HDCP 2.2
Full 18 Gbps**

Recommended for devices with 4K UHD HDR needs

Note:
4K = 3840 x 2160 pixels
24/30/60 Hz = frame rate
4:4:4, 4:2:2, 4:2:0 = YCbCr chroma subsampling
8, 10, 12 bpc = bit per color

HDMI OUTPUTS

❶

**HDMI 2.0 compatible eARC
HDCP 2.2
4K UHD
18 Gbps**

Primary
Output

TV

❷

**HDMI 2.0a
HDCP 2.2
4K UHD
18 Gbps**

Secondary
Output

Main Projector

⚠ Not for simultaneous usage.
HDCP conflict possible.
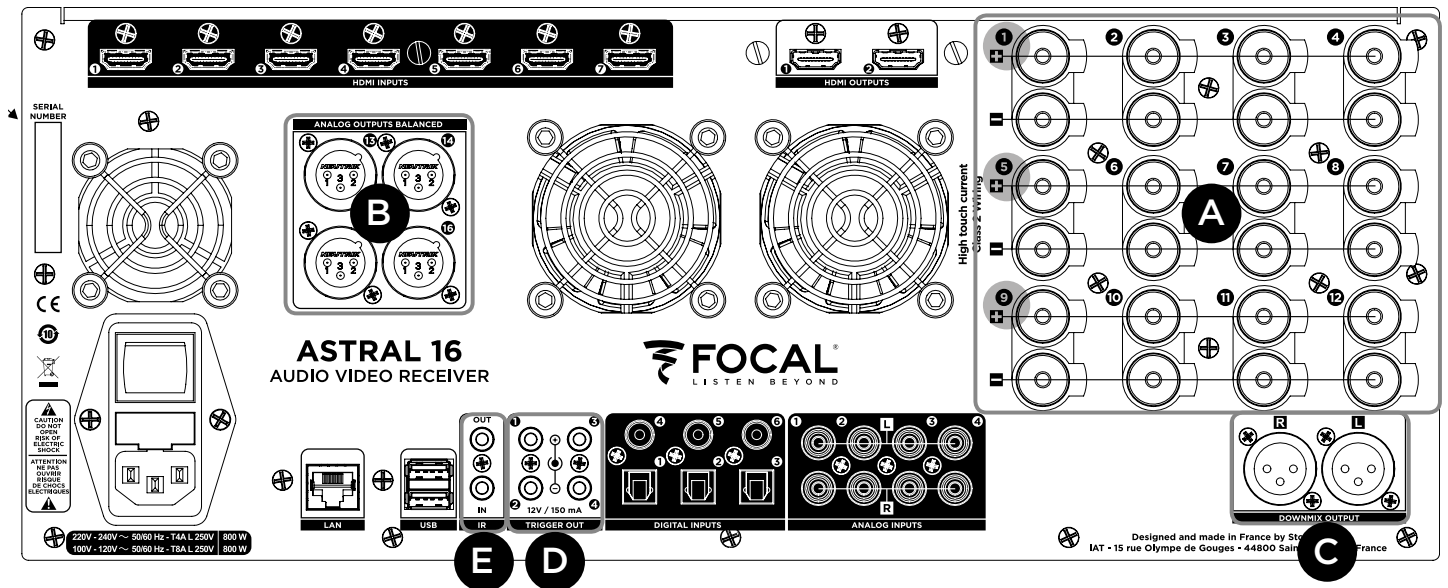Unused display should be OFF.

ⓘ For **Advanced Settings**, please consult the **User Manual**.

ASTRAL 16™
Output Connections

! We recommend that most consuming speakers such as Left front, Center front and Right front should be mapped to the Master Modules, that is to say: Output ❶, ❺, ❾ for L, C, R.

HDMI INPUTS

HDMI OUTPUTS

SERIAL NUMBER

ANALOG OUTPUTS BALANCED

B

High touch current Class 2 wiring

A

ASTRAL 16
AUDIO VIDEO RECEIVER

FOCAL
LISTEN BEYOND

CAUTION DO NOT OPEN RISK OF ELECTRIC SHOCK
ATTENTION NE PAS OUVRIR RISQUE DE CHOCS ELECTRIQUES

220V - 240V ∼ 50/60 Hz - T4A L 250V   800 W
100V - 120V ∼ 50/60 Hz - T8A L 250V   800 W

LAN   USB   IR   TRIGGER OUT   DIGITAL INPUTS   ANALOG INPUTS

E   **D**

OUT / IN   1 3 / 2 12V / 150 mA 4   DOWNMIX OUTPUT   R L

C

Designed and made in France by Sto...
IAT - 15 rue Olympe de Gouges - 44800 Sain...   France

Main Channels Outputs :

A Amplified, Ch1 to Ch12

B Analog, Ch13 to Ch16

Downmix Outputs:

C Analog, R and L

Triggers:

D Jack 3.5mm

E IR OUT port (top connector)

To connect amplifier with unbalanced inputs:

3-PIN XLR - MALE

2	OUTPUT + / Phase a / hot
3	OUTPUT - / Phase b / cold
1	SCREEN connected to Ground

1=SHIELD   FEMALE   RED
2=RED   BLACK
3=BLACK   SHIELD

2-CONDUCTOR SHIELDED CABLE

RED
BLACK

T=RED
S=BLACK

CROSS-COUPLED OUTPUT ONLY: CONNECT PIN 1 TO PIN 3 AT THIS END
AND SET GROUND LIFT SWITCH TO 'GROUNDED' (IF PRESENT).

FOCAL
LISTEN BEYOND