TC-DE-EMBEDDER

4K60 HDMI Audio Extractor

Audio out of the HDMI path, on S/PDIF and analogue, the picture untouched



4K60 4:4:4

8-bit · HDMI 2.0 · 18 Gbps · HDCP 2.2

TOSLINK

S/PDIF · PCM 2.0, Dolby Digital, DTS 5.1

RCA L/R

analogue stereo · PCM 2.0

HDR

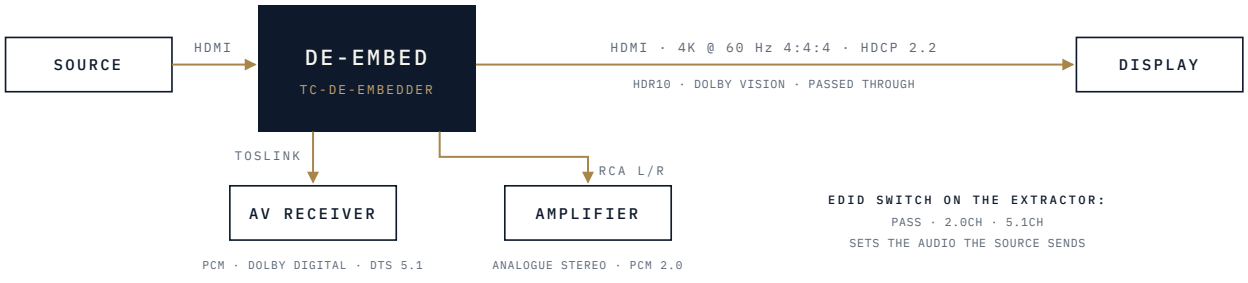
HDR10 · Dolby Vision passed through

TC-DE-EMBEDDER sits in an HDMI 2.0 path and takes the programme audio out without touching the picture: video passes through at up to 4K @ 60 Hz 4:4:4, 8-bit — 18 Gbps, to 4096 × 2160 — with HDCP 2.2, and HDR10 and Dolby Vision preserved. On the HDMI side, PCM 2.0, 5.1 and 7.1, Dolby TrueHD and DTS-HD Master Audio pass through.

The audio leaves on S/PDIF (TOSLINK), as PCM 2.0, Dolby Digital or DTS 5.1, and on analogue stereo (RCA L/R) as PCM 2.0. Both outputs work at the same time; with a Dolby Digital or DTS source, only the optical output carries audio.
A three-position switch on the extractor (PASS, 2.0CH, 5.1CH) sets the audio capability the EDID reports to the source, and input cable equalisation is automatic. The unit runs from 5 V DC, draws 2.88 W at most, and measures 80 × 90 × 22 mm without its mounting ears.

01 KEY CAPABILITIES

- Audio taken out on TOSLINK and RCA while the HDMI signal passes through to the display
- Automatic input cable equalisation
- HDR10 and Dolby Vision passed through



SIGNAL PATH · THE PICTURE TO THE DISPLAY; PROGRAMME AUDIO OUT ON TOSLINK AND RCA

02 VIDEO

Signal standard	HDMI 2.0
HDCP	HDCP 2.2
Maximum resolution	4K @ 60 Hz 4:4:4 8-bit (to 4096 × 2160)
Bandwidth	18 Gbps
HDR	HDR10, Dolby Vision

03 AUDIO

HDMI audio formats	HDMI in / out: PCM 2.0/5.1/7.1, Dolby TrueHD, DTS-HD Master Audio
Audio de-embedding	S/PDIF (TOSLINK): PCM 2.0, Dolby Digital, DTS 5.1 · analogue L/R (RCA): PCM 2.0 · both at once; with Dolby Digital or DTS, the optical output only

04 CONNECTIVITY

Inputs	1 × HDMI · DC 5 V power
Outputs	HDMI out (pass-through) · TOSLINK · RCA L/R

05 CONTROL

EDID management	Three-position switch (PASS · 2.0CH · 5.1CH) sets the audio capability the EDID reports

06 ELECTRICAL & PHYSICAL

Power supply	5 V DC input
Power consumption	2.16 W (2K full load) · 2.88 W (4K full load)
Dimensions (W × D × H)	80 × 90 × 22 mm, without the mounting ears
Weight	230 g
Operating temperature	0 to 45 °C
Storage temperature	−20 to 70 °C
Humidity	10–90 %, non-condensing
ESD protection	±8 kV air · ±4 kV contact

07 COMPLIANCE & ASSURANCE

Certification statement	Designed for global compliance — CE, FCC, RoHS, and regional certifications, as applicable.
Warranty	3 years

08 ORDERING

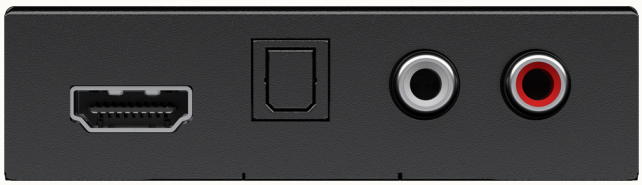
Order code	**TC-DE-EMBEDDER**

PRODUCT PAGE
telecis.com/products/converters/tc-de-embedder/

VIEWS

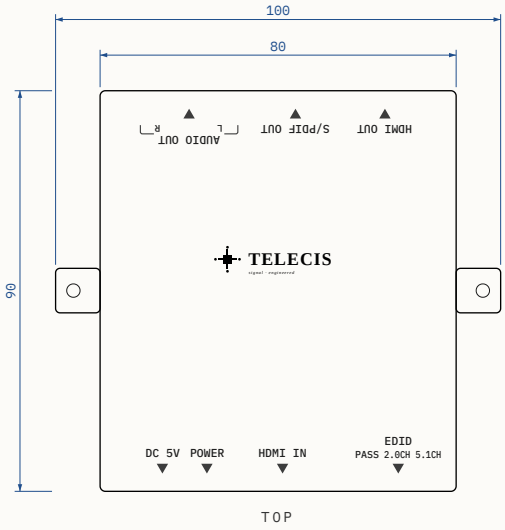


INPUT END

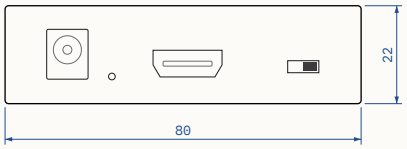


OUTPUT END

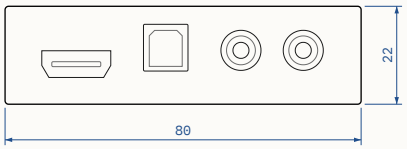
OUTLINE DRAWING · DIMENSIONS IN MM



TOP



INPUT SIDE



OUTPUT SIDE

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signal · engineered.