

GATOR-SYNC

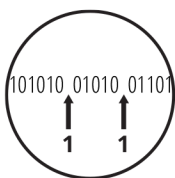
Quad-channel audio/video frame synchronizer for HD to UHD applications

GATOR-SYNC is the ideal solution for synchronizing and delay both audio and video in SDI formats from HD to 12G-SDI. It features 4 channels, each supporting independent resolutions, providing superior density and flexibility.

GATOR-SYNC supports all popular formats, including 720p, 1080i, and 1080p and 2160p. Input video format is automatically detected to simplify operation combined with an onboard test pattern generator, with user selectable patterns in the event of input signal loss. The input signal is locked and re-timed to the reference input, with an additional adjustable delay of multiple frames, with an adjustable audio offset per channel.

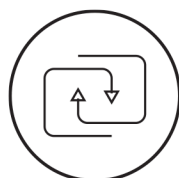
Audio processing of up to 16 embedded audio channels per SDI stream includes: independent sample rate conversion, delay, swap, sum and mute with pass-through support for Dolby ® or Dolby Digital. GATOR-SYNC also passes ancillary data cleanly, making it an ideal choice for any signal path.

Easily setup your GATOR-SYNC through a simple and intuitive DashBoard interface or Ultritouch smart control panel.



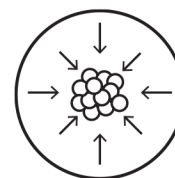
UHD FRAME SYNC

Flexible video and audio frame synchronizer supporting all popular HD and UHD formats, makes a great edge device for your facility, mobile or fly pack.



UHD DELAY

Add audio and video delay where you need it in your UHD infrastructure. Independently tune audio delay to correct for any lip sync issues.



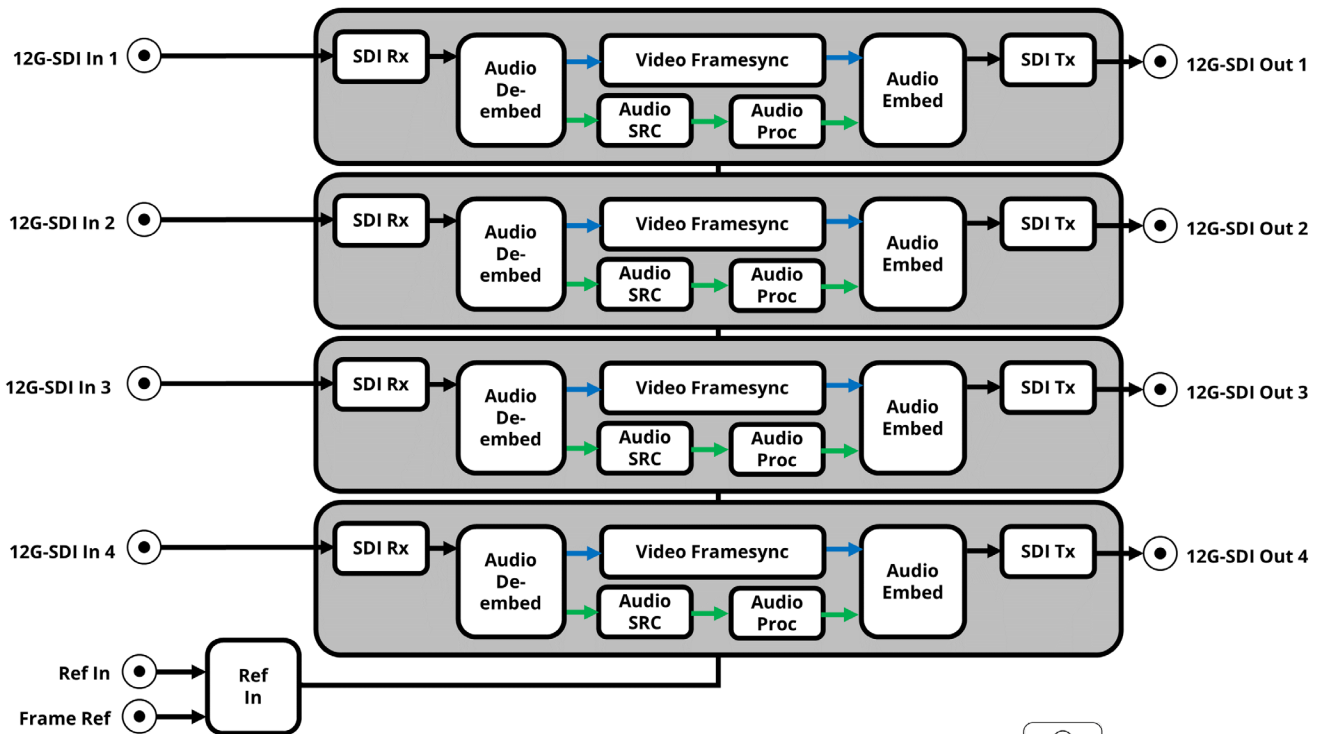
HIGH DENSITY

Support for 4 independent SDI channels in a modular card delivers up to 40 UHD frame synchronizers in 2RU openGear chassis.



GATOR-SYNC — FEATURES

- 4 Independent frame synchronizer channels.
- Video format support:
 - 720p 50/59.94
 - 1080i 50/59.94
 - 1080p 50/59.94
 - 108pSF 23.98/24
 - 2160p 50/59.94
- Auto input format detection
- Loss of input signal detection (freeze or matte outputs)
- 16 channels of embedded audio per SDI stream
- Audio sample-rate conversion to ensure seamless audio
- Programmable Video delay per channel:
 - HD: 79 frames
 - UHD: 14 frames
- Support external cascading of channel for longer delay
- Programmable audio offset from video per channel, +/- 500ms
- Non-PCM audio (e.g. Dolby®) pass-through
- Onboard audio proc amp, including individually assignable audio delay, shuffle, sum, and mute
- Passes ancillary VANC Data
- Full software configuration and signal status, via Dashboard control system.
- Compatible with openGear OGX-series frames.
- 5-year transferable warranty



PRODUCT CODE	DESCRIPTION
GATOR-SYNC	Gator Quad-Channel Framesync Package
GATOR-2	2-slot SDI (4-in/4-out) GATOR Card
R4-GATOR	Rear Module for GATOR-2 Card

GATOR-2

