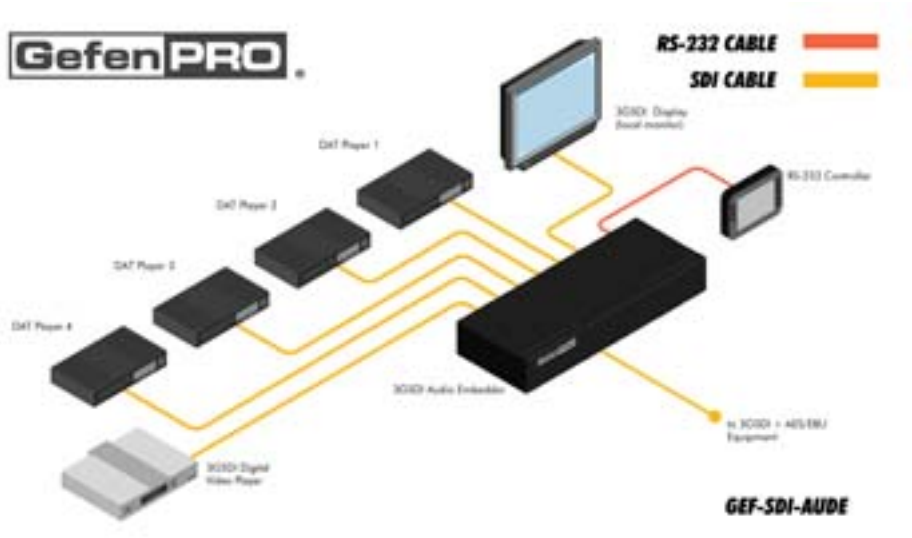

Gefen announced two new products designed for broadcast applications using 3G-SDI, the serial link standard that transmits uncompressed digital video over 75-ohm coaxial cable within studios, and is aa standard component in professional video infrastructure equipment. The GefenPRO 3G-SDI Audio Embedder allows up to four AES/EBU digital audio streams to be embedded into an SDI, EDSDI, HDSDI, or 3GSDI signal. Selection and routing of each audio group / pair can be configured via RS-232. SDI video is integrated with different audio sources (e.g. DAT players, microphones, etc.) to create a single SDI audio/video stream.

The GefenPRO Audio Embedder uses standard BNC connectors for both input and to monitor the unprocessed signal and industry standard RS-232 cables to interface with a PC or automation system to select the audio group and pair to be embedded. During a live television broadcast, the embedder synchronizes up to four independent AES/EBU digital audio streams from multiple audio sources with recorded or broadcasted video coming from the camera and embeds them into the 3GSDI output signal. According to a Gefen spokesperson, this is ideal for situations in which multiple audio sources are being used and must be added to the SDI video output.

The rack mountable 3GSDI Audio DeEmbedder essentially reverses the process, extracting audio from a 3GSDI source and outputs it as up to four digital AES/EBU audio streams. This solution is designed suited for situations in which audio must be extracted, monitored and mastered before being broadcast. The de-embedder allows the user to extract audio to be monitored, recorded, or broadcasted from an SDI audio/video stream. During a live broadcast, the de-embedder can be used to extract audio from the SDI feed to master before it goes out to broadcast.

“These new 3GSDI audio products bring flexibility to demanding work environments since

audio is so pivotal for live broadcasts and post-production," said Hagai Gefen, president and CEO, Gefen. "Broadcasters can now synchronize multiple audio sources with live video feeds for a seamless presentation."

Both products support SDI, EDSDI, HDSDI and 3GSDI formats and come with lifetime of 24/7 technical support and a two year warranty