

WorshipAVL

AV | LIGHTING | SOUND REINFORCEMENT | RECORDING | STAGE SOUND | BROADCAST

May-June 2025

ALI KUŞÇU MOSQUE

Overcoming intelligibility

PASSION CONFERENCE
RELIES ON TNDV

SANSUNG CHURCH
TRUSTS IN FOHHN

TO BUSK OR
NOT TO BUSK?

MASJID NEGARA
MALAYSIA PHASE TWO

Singapore: MICA (P) 060/04/2024 PPS 1644/05/2013(022954)



**UNICA. THE CLOUD-BASED
AMPLIFIER PLATFORM.**



MORE INFO



Creating passion for worship

TNDV has once again supplied the production setup for the annual Passion Conference held this year at the State Farm Arena in Atlanta

TNDV IS A MOBILE TELEVISION

production company based out of Nashville, Tennessee, and delivers multi-camera productions for stadium and arena-sized worship events.

The three-day Passion Conference brings together speakers, educational sessions and musical performances for university-age students and their leaders. The latest lineup included inspirational speeches along with musical performances from Christian singers such as Kristian Stanfill, Landon Wolfe and Brooke Ligertwood.

The Passion Movement was established in 1995 by Louie and Shelley Giglio, and consists of the Passion Conferences, Passion City Church, Passion Publishing, Christian music label sixstepsrecords and the Passion Global Institute.

"We first became involved in the Passion Conference in 2011," explains Rob Devlin, president at TNDV. "One of our clients was

already involved so they brought us in to help out and we've been working with them ever since. They were always trying to do something new and innovative even in those days. I was an engineer on the remote side that year – we were in a small flypack that was underneath some portable grandstands that they had added to the convention centre where the event was being held. There were five or six cameras in this room and there was a fibre cable that connected the room all the way to the arena, which was about a mile away. Fibre was still up-and-coming at that time so it was really interesting that we could pull that off."

The conference started out on a much smaller scale in the 1990s and it's slowly evolved into what it is now, moving into arenas and stadiums in the mid-2000s. "Back then, the event was at the Georgia World Congress Centre in Atlanta,



The control room inside Aspiration

not far from their main worship facility,” adds Devlin. “The event has always had ties with Atlanta but it’s moved around a lot over the years. One of my favourite years was when we had three events in Atlanta, Washington DC and Houston in Texas happening at the same time. There’s been other multicity events we’ve managed in the past, and one with a link to the International Space Station – there was some pretty antiquated technology that we had to find to make that happen.”

The advances in technology since TNDV first became involved in 2011 has meant that the equipment setup has been significantly reduced. “The onset of IP and fibre optics and technologies such as Dante and 2110 have changed so much. We were running miles and miles of cabling back then but now, with the onset of fibre optics, we need a maximum of three or four cables. If we needed say 22 different signals in the past for graphics, we’d be running 22 BNC cables. That has disappeared with MultiDyne’s FiberSaver, a 1U hardware enclosure that consolidates video and data onto a single fibre strand and takes it out to the truck.”

Another first for this year’s event was that the organisers decided to hold the conference twice, with the second iteration repeated 24 hours later. On the Sunday, the church held a regular worship service at the venue, sandwiched between the two conferences, allowing them to take



TNDV's Aspiration truck parked outside the arena

advantage of the investment they'd made in the arena and the equipment to cater to more people. “The State Farm Arena is Atlanta’s main basketball arena, but the downside is that the venue isn’t an arena and this created its own challenges,” adds Devlin. “There wasn’t much infrastructure in the building so we had to home run everything – every cable starts at the truck and ends up in the arena. And the path to get in there isn’t ideal either. There’s boom lifts and scissor lifts involved and we’re tying into cable trays and running around catering freezers and over seating.”

“We also had to work around other games that were taking place,” continues Devlin. “This year, there was another event on New Year’s Eve so we didn’t get access to the building until 7am on 1 January with the first conference starting the next day, giving us about 18 hours to prepare. Normally we’d have three days! Due to increased demand, the event was held twice, with only 24 hours in between, so it was a rush to get everything ready for the first day but then we could relax a little for the second.”

TNDV brought in its Aspiration truck to handle the production for the event – which was upgraded to 4K last year – along with all the monitors for fallback, the audience displays for the hearing impaired and the producer rooms. Aspiration is a 12m expander truck that incorporates a Grass Valley Kayenne switcher with a secondary panel that keeps the IMAG and broadcast switches separate so not all the graphics are being sent to the internet stream.

“Aspiration used to be our biggest truck but we’ve built another one now,” continues Devlin. “It was parked outside and handled everything downstream of the cameras. We had

for the streaming platform. “When you run into network-based audio, sometimes you run into clocking or reference issues if you’re not all on the same system,” explains Devlin. “And even though we were, it was really nice to use a Studio Technologies Dante bridge to help us get our two networks operating together to allow us to talk without having to reassign IP addresses to either the truck or the house’s audio network. And it does a fantastic job of allowing that audio to pass without having to reconfigure everything. The technology within Dante has grown quite a bit in the last two or three years, even as 2110 comes about and there are a lot more IP-based signals. It means



remote control panels for the router so that the producers and directors that were outside are connected to the truck and we can feed them multiviewers so they can see themselves. All the colouring for the cameras, graphics for the cameras and the web streaming to their website were also handled inside the truck. We also built them a remote graphics facility in the venue that had 16 graphics machines with ProPresenter – and that all came back to the truck as well.”

Aspiration acted as the main hub for the event, with TNDV using the venue’s public internet to get everything up and running. The church provided its own encoder – combined with the new Evertz Nexx router on that truck, TNDV was able to give the church the various embedded feeds that it needed, both for the encoded webstream feed and also the various IPTV feeds throughout the arena for the church’s own video and audio feeds as well.

TNDV took a Dante feed from the house broadcast audio console to embed into the transmission path

we can do the Passion conference one day and an awards show the next, but it means we don’t have to reprogram the entire truck because there can still be a lot of potential failures or issues within IP networks.

“The demand of the job is one of the things that makes it so special and interesting, but we thrive on that,” concludes Devlin. “We’re putting in some long hours and we weren’t given much time to prepare, but we keep doing a good job so they keep coming back to us! To see the impact on the kids and to see everything come together so successfully is really rewarding. The technology is making these events much easier now – seeing it all come together is remarkable.”

Dates have already been announced for the 2026 event which will take place from 1–3 January at the Globe Life Field stadium in Arlington, Texas.

www.livemediagroup.com/tndv
www.passion2026.com

