

AUDIO VISUAL DESIGN & INSTALLATIONS

Corporate AV Design and Installation



As a corporate Technology, IT, or AVIT Director, you have a wide variety of responsibilities and goals to address within your organization. Your vision for success must be translated into reality through effective collaboration with the right professional team. Corporate AV Design and Implementation begins with detailed assessment, and evaluation of your existing environment. Once this baseline has been established, we can proceed to match requirements to solutions and design a system that best suits the needs, goals, and responsibilities of your team. Corporate AV Design and Installation is an interactive process that combines the efforts of both client and customer teams into a single unit working toward common goals.

Educational AV Design and Installation

Whether you are a teacher, administrator, Technology Director or Principal, we have the staff and experience to assist you with your Educational AV Design and Installation projects. At DFT we



recognize that educational environments have many specific and unique challenges that do not exist in other environments. Studies have shown that interactive and collaborative technology tools used in classrooms have enhanced the learning experience for both students and teachers and has led to greater retention of information and improved learning. A properly implemented Educational AV Design and Installation can help you meet and exceed your educational goals.

House of Worship AV Design and Installation

Directing, implementing and operating an AV program at your church, synagogue, temple or other house of worship is no longer a simple endeavor. It is now common to see multiple projection screens, complex



audio systems, production systems and control systems integrated within these facilities.

DFT extensive experience with Houses of Worship gives us the ability to give proper guidance toward developing your solution. Our House of Worship Design and Integration solutions will give you the ability to present your services seamlessly and in the most inspiring way possible.

Auditoriums/Gymnasiums AV Design and Installation

Cinemas and auditoriums are constantly evolving, and with each new design comes new challenges. A recent trend, stadium seating, has changed the geometry of auditoriums, specifically the relative position



of the audience to the screen, speakers, walls, and ceiling. Some of the sound reproduction challenges that come with stadium seating include:

The more vertical orientation of the seating area makes it difficult to obtain an even sound-pressure level throughout the auditorium

- The rear rows of seats are typically just feet away from the surround speakers, making the levels too loud
- Stage speakers need higher dispersion angles for the high frequencies to reach all customers.

A frequent consequence of poor isolation is an inadequate number of subwoofers for the

auditorium's size. The proper number (with sufficient amplifier power) is critical to the reproduction of the sub frequency information. Having too few subwoofers can cause the expensive drivers to blow during loud soundtrack sections. These are just some of the challenges facing today's auditorium audio visual designer. Trust AV Planners to create a plan and implement the best set up for your auditorium.

Public Safety AV Design and Installation



Police and Fire Departments are places where critical information must be presented and communicated accurately, and efficiently, to ensure the safety of our communities and our families within. DFT has been heavily involved with Public Safety AV Design and Installation over the last several years. We have experienced great challenges and have responded with great success to the evolving needs of emergency services and public safety organizations.

Healthcare Facility AV Design and Integration

Healthcare acoustics are a vital part of patient rest and recovery. Indeed, Press Ganey satisfaction surveys indicate that noise and its adverse impact on rest significantly affect patient satisfaction.

Medical and healthcare facilities often have specialized audiovisual requirements. Sterile surgical environments, interactive training and teaching labs, and distance communication are just some of the areas for which DFT can provide the necessary expertise.

AV Planners has integrated audio visual technology into exam, OR, and training rooms with the most advanced audio and high-resolution capabilities. In fact, medical students or colleagues around the world can observe surgeries in real time through these video-conferencing advancements. AV Planners has also transformed the patient's experience by offering a spa atmosphere with multi zone audio system, digital signage, and state of the art audio visuals in patient rooms.

Residential/Home Theater AV Design and Installation

Home entertainment has grown tremendously over the last 5-10 years. It is now the norm to see homes with some kind of home entertainment system installed. Home theater and other residential entertainment systems are a great way to bring family and friends together while entertaining, and improve the overall atmosphere of a home.



Residential/Home Theater AV Design and Installation can be approached in many different ways based on the needs and preferences of each customer. At DFT, we make every effort to fully understand the needs of each customer before designing a system and providing our recommendations.

Hospitality, Hotels & Entertainment Venue AV Design and Installation

As the Proprietor or Manager of a Restaurant, Sports Bar, Health spa or entertainment venue within a Hotel, your goal is to provide a high quality and memorable experience for your guests. Integrated audio visual systems in these environments should not only compliment the overall atmosphere, but should also be user friendly for all staff members. At DFT, we understand the need for operational efficiency when planning and implementing Hospitality and Entertainment Venue AV Design and Installations.

Ballrooms and Event Halls

We offer the installation of large screen projectors for conference events with supporting audio and camera systems. It is important to manage the challenges that come with these large venues in hotels. Control systems can control and automate the lighting, HVAC, speakers, microphones, cameras and other technologies in multiple areas or zones of a hotel ballroom or event hall.

Conferencing Systems

DFT can design, supply and install systems for conference facilities. These can be simple PA systems with a display screen/projector, for playing both videos and DVD's, or a PC input for PowerPoint and other PC imaging. Our systems can be provided with remote controls that can partially or fully automate the AV system. This can include the operation of environmental controls like HVAC, window treatments, lighting presets, audio/video equipment e.g. projectors and projection screens, DVD/VCR, microphones, cameras, speakers, computers and internet access and electronic voting with touch panels. Touch screen remote controls use icons to make interacting with equipment even simpler.

This avoids user errors and ensures a meeting runs seamlessly from beginning to end.

Restaurants and Nightclubs

We can create the ideal experience for customers using sophisticated lighting, sound and visual entertainment. As well as providing more conventional lighting schemes for nightclubs, we also have a range of LED colour change lighting products for creating subtle effect or lighting features in bars and restaurants. Touch panels can control and automate entertainment displays, distribute audio/video and lighting control to various areas of a restaurant or nightclub. At night, or at various times throughout the day, presets can be used to set up areas of a restaurant or nightclub, e.g. entertainment stages, karaoke areas and audio/video entertainment.

Pool, Spa and Fitness Centres

DFT have a wealth of experience in providing audio visual solutions to health and fitness clubs. We supply a range of cardio entertainment systems - which include hardwired, wireless and personal screens. We also provide the head end equipment for cardio vascular machines with integrated screens. We design and supply zoned PA systems, to provide background music to the facility, as well as aerobic studios and aqua aerobic music systems.