



RapidRun™ Saves Time and Money – Makes Installation a Breeze

RapidRun is the ideal system for both pre-wire and retrofit applications. The system is reliable and pulls very easily through existing conduit, while its flexibility allows integrators to save time by completely eliminating field termination.

Just ask Mark Crumbacher of Custom Connections – who saved hours of installation time and steered clear of headaches while working on a new construction project.



The Project

The Ryan family was upgrading to a new home and decided to build rather than buy. Custom Connections had serviced all of their home theater needs in their previous house, and was contracted to outfit several rooms in the new house as well. In their living room, the Ryan family wanted their TV housed in a large entertainment center, which would also hold all A/V components. But in the basement, they wanted their plasma TV to hang above the fireplace. With no room to hide electronic components, the family settled on an empty closet about 30 feet away to house all of the equipment.



The versatility of RapidRun is unsurpassed; it grows as your system grows. RapidRun has the capability to run multiple signals over one Runner and to even re-task a Runner you have already installed.

The Problem and Solution

Unlike in the living room, where the main home theater system would reside, the Ryans were unsure of the kind of equipment they would be willing to invest in at the time of installation. To cover all the bases, Custom Connections installed a conduit that ran from the equipment closet to the plasma TV, as well as two 50 foot RapidRun Home Theater Runners.

Once the house was built, the family decided to use the older DVD player and cable box from their previous home – but the DVD player was using component video while the cable box was limited to S-Video. This could have presented a challenge, but not with RapidRun. Its flexibility allowed Mark to simply select the appropriate ends to finish configuring the system. What typically would have taken hours only took minutes to complete . . . freeing Mark's time for other appointments.



Break-Away terminations are designed for effortless connection to the Runner. Just align the red arrows to guide the connectors together and tighten the knurled locking ring.

The Upgrade

Several months later, the Ryan family purchased a new DVD player with the capability to output an HDMI signal. To maximize their Plasma television, they wanted to put this DVD player in the basement. Custom Connections was called upon again for installation.

The challenge here was the distance the HDMI signal had to travel from the DVD player to the TV. Unlike analog signals, the HDMI has a much shorter length limitation and often doesn't work over such distances without the use of an amplifier. Naturally, Mark chose to use the RapidRun Digital system for this job. RapidRun Digital is uniquely designed with an equalizer/extender built right into the wall plate – which is powered from the HDMI bus, so there are no extra wires to run. The Runner was easily pulled through the existing conduit and termination only took a few seconds. Ultimately, Mark and his team were able to complete the entire installation in less than 30 minutes.



Runner cables are terminated with female connectors, eliminating the risk of fatal damage to a pin and two protective caps with pulling eyes able to withstand 30 pounds of pulling tension.

The Results

By using RapidRun during the pre-wire stage, Custom Connections was able to cover all signal requirements, saving hours of installation time once the Ryan home was complete. And finally, by using the RapidRun Digital System, they were able to easily upgrade the infrastructure to accommodate the latest equipment.