

Just Add Power

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Worship Center Broadcast System



Making it easy for worship services to look great! Many churches are now wanting to add multimedia technology to worship services. The Worship Center Broadcast System (WCBS) is designed to solve one of the most common needs-an affordable yet attractive way to easily control and connect various devices to video projectors and viewing monitors.

The primary function of the WCBS is to connect computers and video devices (VCR, Camera, DVD, Satellite, etc.) to viewing screens in a house of worship. The viewing screens can be LCD projectors, CRT monitors, LCD panels, and other compatible VGA devices. Built with flexibility in mind, the system works equally well with 4:3 and 16:9 aspect ratios. Typical hardware systems require you to purchase 4 different devices to realize this capability. The WCBS provides all 4 functions in an economical and attractive package:

- Video Scaler (upconverts Video signals to high resolution signals)
- Video Switch (instantly switches between several VGA and Video signals)
- Audio/Video Distribution Amplifier (8 Bus Ports using inexpensive CAT5e cabling)
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Infrared Controller (with IR blasters, works like a Universal Learning Remote)

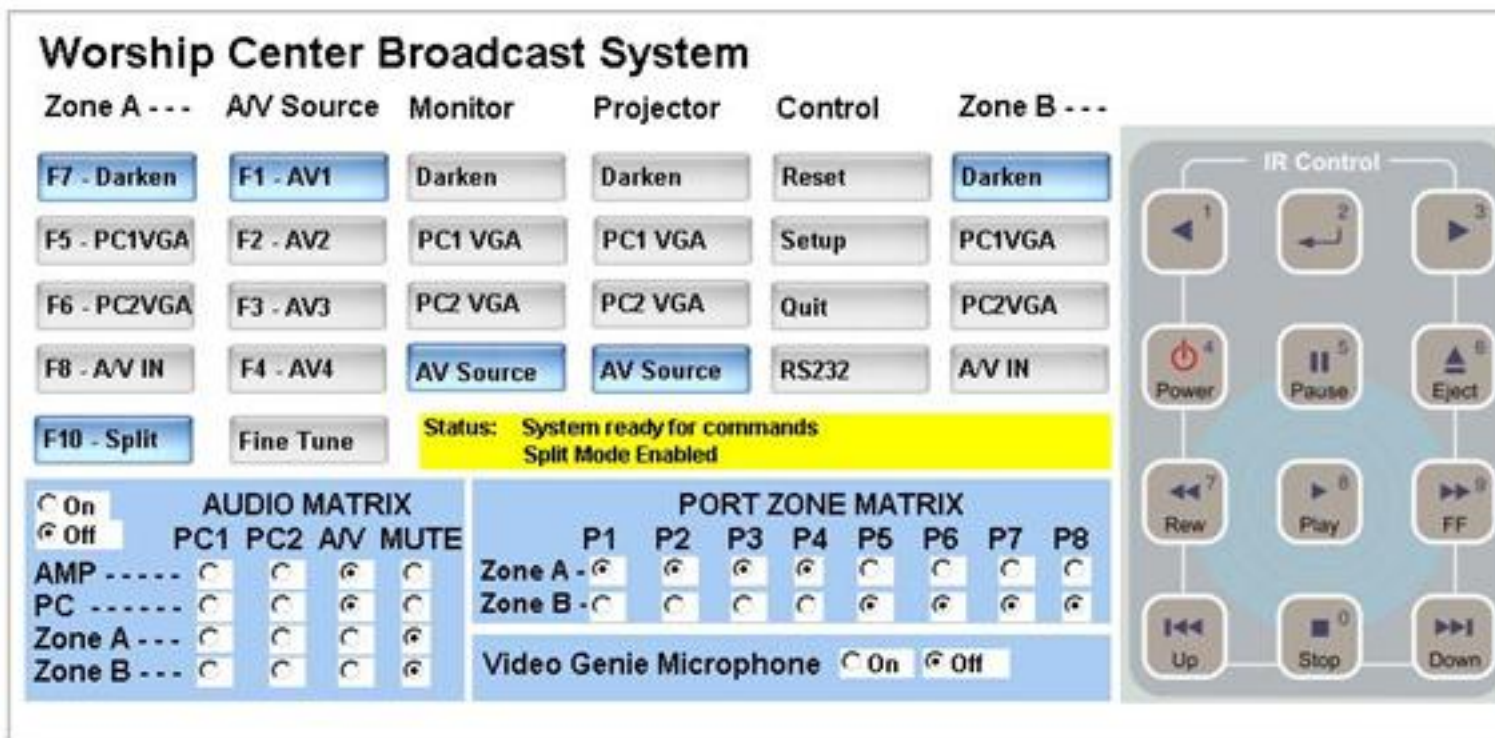
Using the Guiding Light™ Keyboard



The Guiding Light™ Keyboard comes with the specially printed F Keys we've designed to match the functions of the Worship Center Broadcast System Video Genie™. The Operator can decide what combination of the Keys Ctrl, Win, Alt, and/or Shift are used to activate the Hot F Keys. For example, you might choose to hold down CTRL & WIN at the same time in order to activate the Hot Keys. This flexibility allows the operator to choose the best key sequence for compatibility with the software being used to present the worship service (i.e. PowerPoint, Easy Worship, Media Shout, Song Screen, Sound Show, Church View, etc...). The Guiding Light™ Keyboard's flexible design allows you to use your software of choice.

Video Genie™ DS1 Hot Keys AV1 F1 - Broadcasts the Video 1 Audio/Video on the AV Scaler
 AV2 F2 - Broadcasts the Video 2 Audio/Video on the AV Scaler
 AV3 F3 - Broadcasts the Video 3 Audio/Video on the AV Scaler
 AV4 F4 - Broadcasts the Video 4 Audio/Video on the AV Scaler
 PC1 F5 - Broadcasts the VGA1 Audio/Video on the AV Bus
 PC2 F6 - Broadcasts the VGA2 Audio/Video on the AV Bus
 Darken F7 - Instantly puts up a black screen on all Bus Port monitors
 POP1 F8 - Broadcasts the Video Genie™ DS1 Scaler source on the AV Bus
 Split F10 - "Split" mode for multiple projectors - different image on each projector group (i.e. IMAG, VGA, etc.)
 Any F12 - Any special function the customer wants - within reason

Using the Windows Graphical User Interface The Windows GUI gives the PC Operator access to the flexible capabilities of the WCBS. It is simple to customize the GUI to represent the functions that the owner desires. Here is a sample screen showing the GUI:



AV1 Selects Video 1 on the AV Bus

AV2 Selects Video 2 on the AV Bus

AV3 Selects Video 3 on the AV Bus

AV4 Selects Video 4 on the AV Bus

PC1VGA Broadcasts VGA1 on the Projectors

PC2VGA Broadcasts VGA2 on the Projectors

AV IN Broadcasts AV1~4 on the Projectors

Darken Instant black screen on all Bus Port monitors

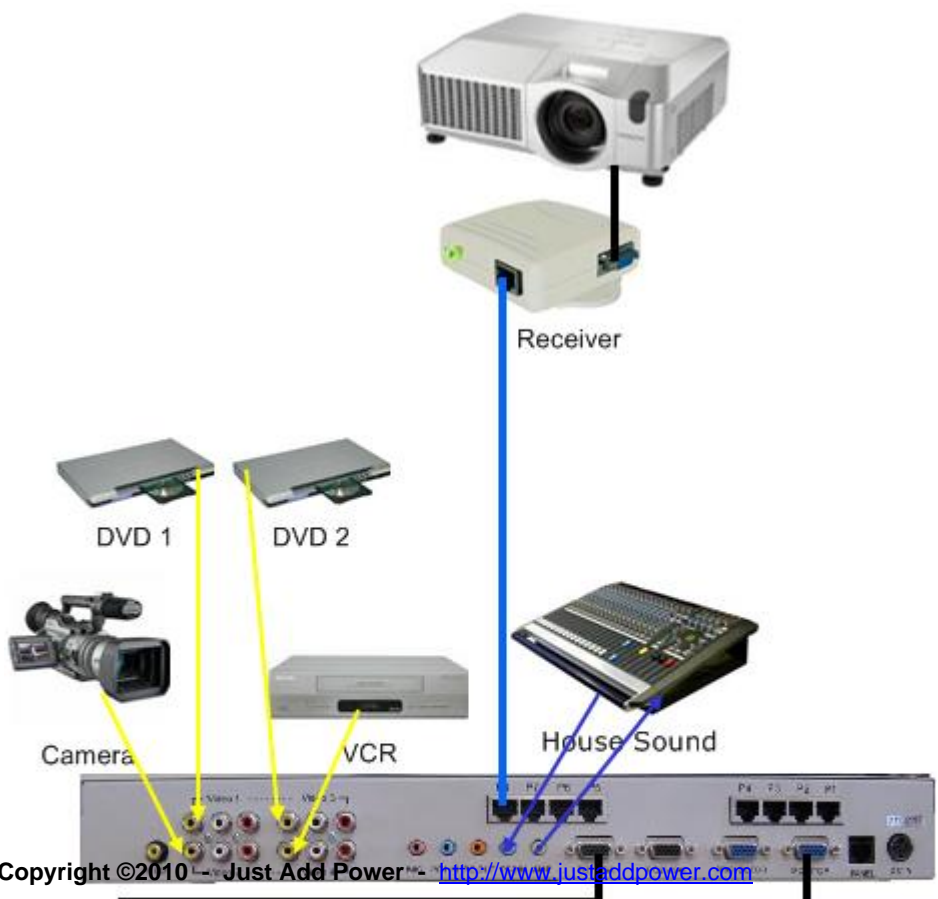
Split Toggles the Zone Matrix function on and off

Using the Total Control™ Console



The smooth surface of the Total Control Console allows you to operate the projectors and attached AV devices without having to use/find infrared remote controllers. This makes it easy for a casual user to use the projection system.

Example Layouts The modular design of the system allows you to start with only the pieces you need, then you can grow the system over time to match the growth and needs of your Media Ministry:



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This is a basic church configuration with 1 projector using a Video Genieâ„¢ DS1 and one passive receiver. Windows GUI is being used for control.

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This the foundation we will use to build up from a very typical basic system to a very sophisticated media ministry model.

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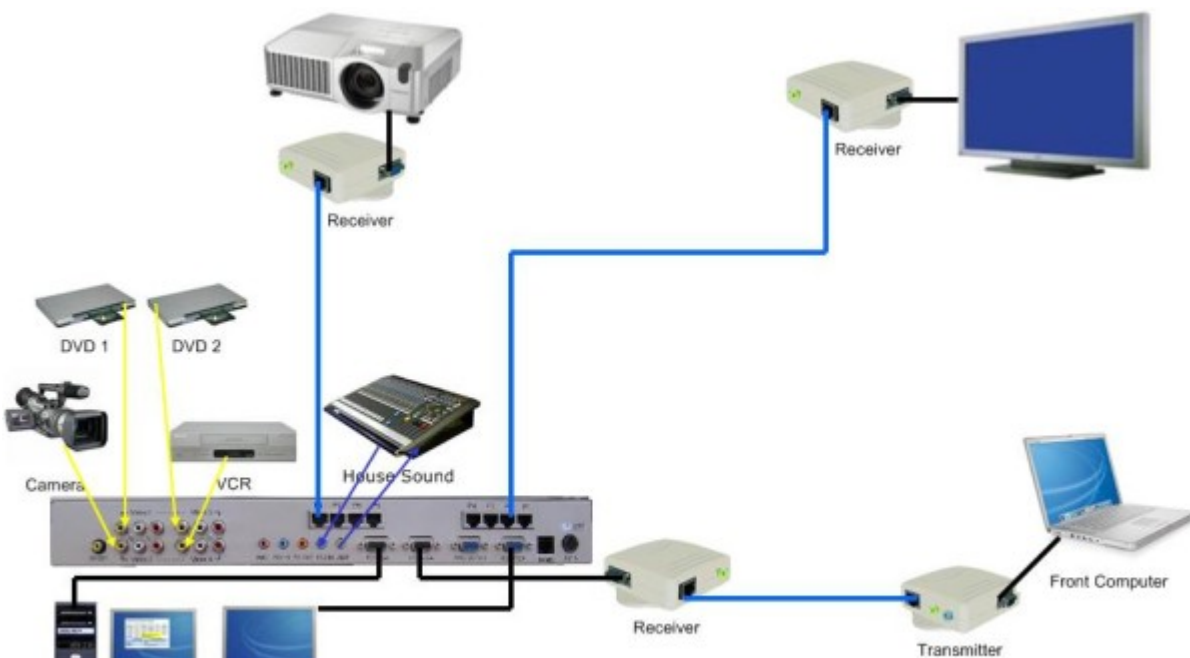
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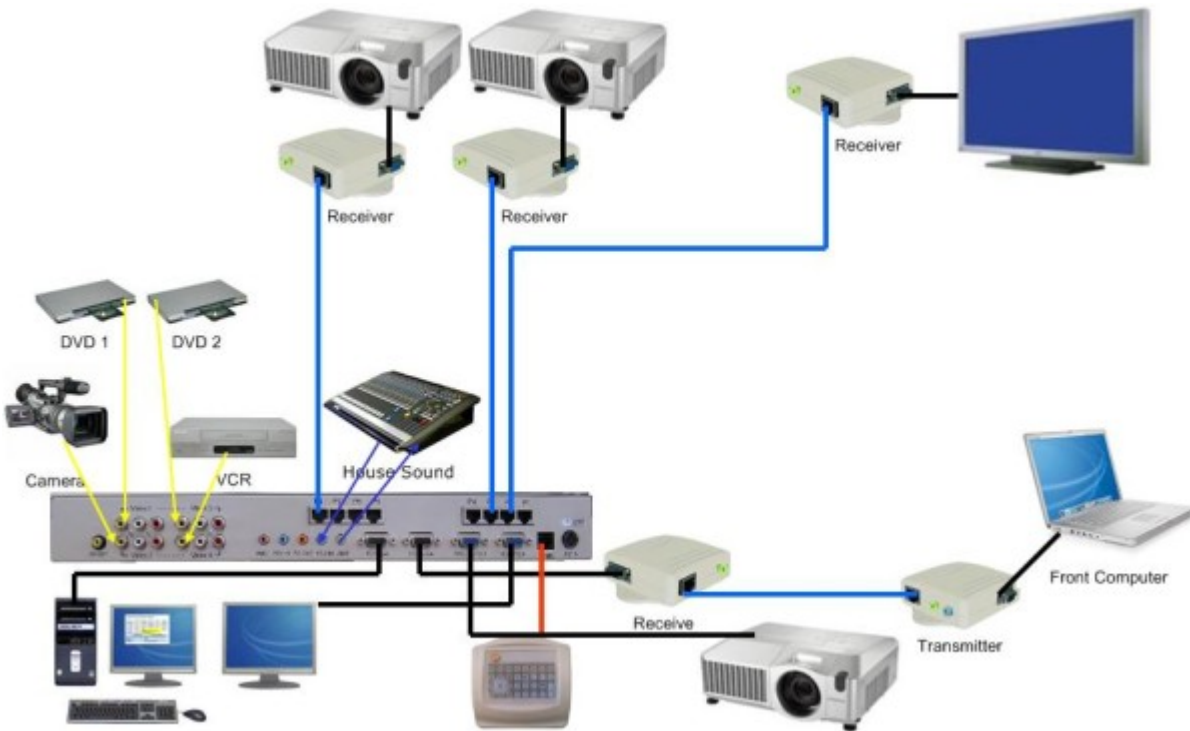
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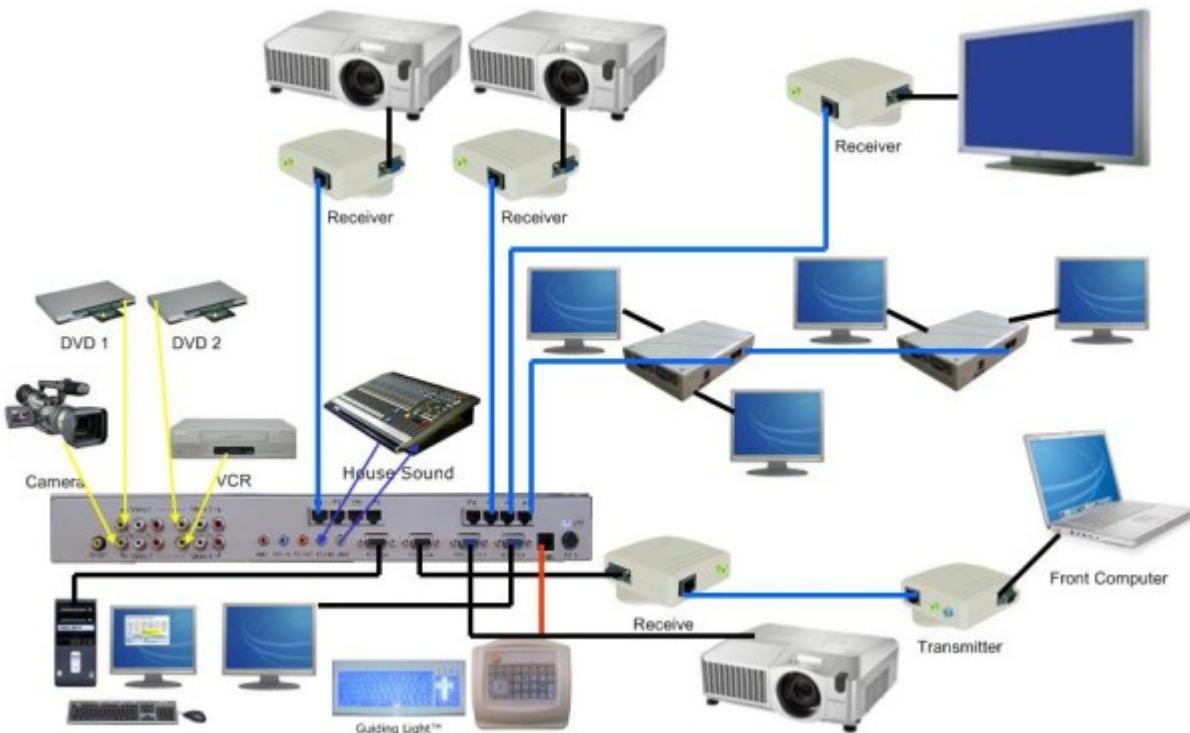
In this next picture weâ€™ve added a cry room plasma monitor , and a Projector Connector kit for â€œPC In The Pulpitâ€. Windows GUI and Guiding Lightâ„¢ now being used for control.



As the Media Ministry has grown again, weâ€™ve added a 2 more projectors. One more in the front with a passive receiver and a direct to DS1 connected rear projector. Now using Total Controlâ„¢ Console to operate the system.



Weâ€™ve introduced 2 Active Passthrough Receivers to the network, with 4 attached LCD monitors for classroom or hallway viewing. All 3 control systems are combined to work together.



We understand that no 2 churches are identical, so please don't hesitate to call Just Add Power for advise on how to "right-size" the WCBS for your Media Ministry.

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[VBS Suite Overview](#)

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[VBS Connectivity Illustrated](#)

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[VBS Suite Product Specifications](#)



Dual Monitor VBS Type B Active Receiver

\$225.00

An Active Receiver can be attached to one or two output display devices and includes 2 local VGA IN ports (with sound), allowing the target presentation devices to display a local source with the DS transmitter is in BREAK mode. [\[Product Details...\]](#)



Guiding Light Keyboard

\$50.00

The Guiding Lightâ„¢ Keyboard for contemporary worship is a combination PS2/USB keyboard for Windowsâ„¢ PCâ€™s. Each of the 104 keys has a bright LED that can be turned on by simply pressing a button on the keyboard. The majority of the LEDâ€™s are blue, however [\[Product Details...\]](#)



Projector Connector, Pass Through Receiver

\$250.00

This 4:3 and 16:9 aspect ratio receiver can be connected individually or in the middle of a daisy-chain to your choice of VBS Suite, Type B compatible Transmitters. This "always on" receiver is for long distance applications up to 500 ft. There are 2 fine [\[Product Details...\]](#)



Projector Connector, Type B Extended Distance Receiver

\$325.00

This 4:3 and 16:9 aspect ratio receiver can be connected individually or at the end of a daisy-chain to your choice of VBS Suite, Type B compatible Transmitters. This "always on" receiver is for long distance applications from 60 Meters t [\[Product Details...\]](#)



Projector Connector, Type B Passive Receiver

\$150.00

This 4:3 and 16:9 aspect ratio receiver can be connected individually or at the end of a daisy-chain to your choice of VBS Suite, Type B compatible Transmitters. [\[Product Details...\]](#)



Projector Connector, Type B Transmitter

\$175.00

The Point-To-Point Projector Connector Type B Transmitter allows you to simultaneously send a VGA Signal (up to 1280x1024) and a Stereo Audio Signal (3.5mm) to a video projector while only using 1 piece of UTP (Unshielded Twisted Pair) or STP (Shielded Tw [\[Product Details...\]](#)



Total Control Console

\$550.00

The smooth sensor panel in the Total Control Console[™] provides easy stand alone operation of the system without requiring a dedicated PC to control the system. Available with custom full color graphics for special projects and OEM partners (10+ systems [\[Product Details...\]](#))



Video Conference Upgrade for VBS/WCBS
\$100.00

An External Video Scaler for use with Projector Connector[™] Type B Transmitter. Can be used to support a 2-way audio/video conference or "on the scene reporter" interview function when used in combination with the Video Genie. [\[Product Details...\]](#)



Video Genie[™] DS1 3x10 Matrix Switch
\$1,250.00

The Video Genie[™] DS series is the fourth generation of the Video Genie family. With 2 VGA (HDD15) inputs, plus a Microphone port, this matrix transmitter can simultaneously send either input to the 8 VBS Bus ports (Group A and Group B with up to 80 target [\[Product Details...\]](#))

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Results 1 - 9 of 9

Recently Viewed Products

- [Teacher's AIDE Audio Video Booster](#) (Category: [Teachers AIDE Computer Supervisory System](#))
- [Projector Connector[™] Type B Transmitter](#) (Category: [Meeting Rooms](#))