

Installation

- 1 Setting up a different Video Channel setting on each PB5000-S Sender with video source. Make sure the setting on each sender won't be duplicated.
- 2 Connect all HDMI sources (media player, PC or PS3) to each PB5000-S Sender with HDMI cable.
- 3 Plug IR Receiver to PB5000IR IR Receiver Jack at front bezel, and toward to PB5000IR IR remote location.
- 4 Connect all HDMI displays (Signage Display, LCD TV) to each PB5000IR Receiver with HDMI cable.
- 5 Connect all PB5000-S Senders and PB5000IR Receivers to dedicated Gigabit Ethernet Switch with CAT-5e/6/7 cables. If Managed Switch used, make sure 802.1Q VLAN function is disable or make sure all senders and receivers at Same VLAN Group.
- 6 Power On PB5000-S Sender by plugging in 5V DC from Power Adapter and plug Power Adapter to wall socket. Then, Power On Video Source.
- 7 Power On PB5000IR Receiver by plugging in 5V DC from Power Adapter and plug Power Adapter to wall socket. Then, Power On HDMI Displays.
- 8 To Change Video Channel, use PB5000IR IR Remote Control toward PB5000IR IR receiver and press the Video Channel Number Button for video channel you like to switch. Please wait till video comes out to make next video channel change if needed.

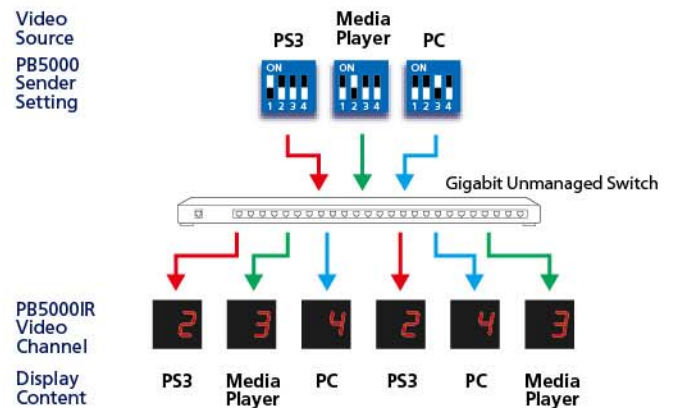
Troubleshooting

Problem	Solution
No Signal (Link LED indicator Off or Flashing)	<ul style="list-style-type: none"> • Make sure CAT5e/6/7 cables are well connected on PB5000 Sender, Receiver and/or Switch. In most of cases, good quality CAT5e UTP cable will be good for LAN connection. • Check power indicator and make sure power adapter had been plugged into power wall socket and connect to all PB5000 Senders and Receivers. • If you connect PC to DVI monitor with HDMI to DVI adapter, please reset your PC video output frequency at 60Hz. • Make sure HDMI cables are well connected between PB5000 Sender and Video Source equipment, PB5000 Receiver and Display. • Make sure Video Channel settings are Correct on all PB5000 Senders and Receivers • If Managed Switch used, make sure 802.1Q VLAN function is disable or make sure all senders and receivers at Same VLAN Group. • Always Power on PB5000 Sender first, then PB5000 Receiver for smooth handshaking.
IR Pass Thru not function	<ul style="list-style-type: none"> • IR Pass-Thru function only recommend for point to point, 1 sender to 1 receiver configuration

Video Channel Matching Table

PB5000IR Receiver Video Channel #	PB5000-S Dip Switch Setting	PB5000IR Receiver Video Channel #	PB5000-S Dip Switch Setting
1		9	
2		10	
3		11	
4		12	
5		13	
6		14	
7		15	
8		16	

Video Channel Matching Config Example



Notice



For Video Channel Switching, please wait till video comes out to make next video channel change if needed. Number of Video Channel Sources/Senders will depend on video content, resolution and ethernet switch capacity. If video shows delay or mosaic, suggest to 1. turn off unnecessary video sources, 2. reduce video resolution, 3. reduce number of senders. Recommend dedicated professional Gigabit Ethernet switch for maximum performance.