

# ProTVSolutions

## MTI-CEC interface for consumer TV

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### Summary:

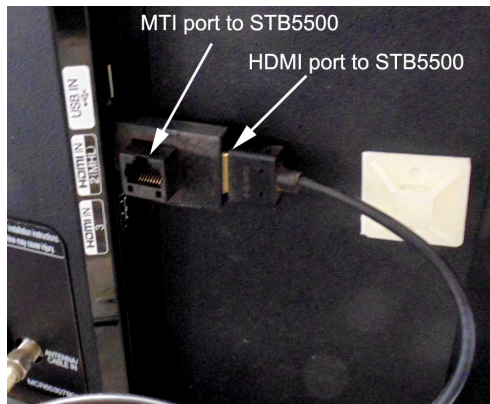
From time to time, we have experienced situations where Hospitality TVs have not been available to fulfil particular clients, the reasons may vary:

- Hospitality TVs may not be available in the size or feature set required, as in extra-large size screens.
- Hospitality TVs may not be available in the geographical location, as in the Orient, South America or Middle East.
- Hospitably TVs may be too expensive for some.

Issues on using standard consumer TVs arise at the time of interfacing with the hospitality systems. At that time it becomes difficult to control the TV with a single Remote, or manage the channel ring with virtualized channels or take advantage of the custom on screen menu systems.

ProTVSolutions designed a simple MTI to CEC interface that can easily be installed between a hospitality set back box and the TV set and allow the setback box to control the power settings of the TV using industry standard MTI commands. This would allow the standard remote control to turn On and Off the TV without any other change.

The process is particularly suited when combo with the STB-5500 from LG and that Set top box control audio functions as well as video and OSD.



At its most basic configuration, the requirements for this device to work as follows:

1. TV must support CEC communication.
2. Set Top/Back box must support MTI communication
3. Set Top/Back box must have HDMI output
4. Set Top/Back box must internally control Volume and mute operations.

To configure the STB5500, please enable the MTI protocol, this can be done by setting the configuration menu item 113 PANEL TYPE and press 719 OK to enable the MTI protocol.

The setting can also be set using the FTG manager changing Item 113 and type “MTI” in the text box just below the type 4 setting

