

## Tally Implementation for Panasonic Camcorders

### Brief

There are limitations when attempting to issue a Tally to a Panasonic Camcorder. This limitation is as a result of an incomplete implementation of the control protocol in the cameras themselves. Videosys Broadcast have a workaround that can be used to overcome this.

### Process Overview

The tally can be issued to the CCIDU in the standard manor, i.e. by inducing a contact closure on the Red Tally Input.

The contact closure must appear between pins: 1 and 7 for RCP 1; 2 and 4 for RCP 2; 3 and 5 for RCP 3; 6 and 8 for RCP4.

The tally will stay on for the duration of the contact closure. An 'R' will be displayed on the front panel next to the 'Connected' indication. (N.B. An RCP must be connected for this indication to be present on units running software 46 or earlier.)

The CCCAM, once connected to a Panasonic Camcorder, and receiving a valid red tally signal from the CCIDU and CCODU will attempt to place the camera into record.

The Camera must have some recording medium in the unit for this to work, and there must be enough recording time available for the duration of the Tally(s).

When the tally is removed from the system the CCCAM will attempt to stop the camera from recording.

Due to the set up time of the camcorders recording mechanisms, the tally may not be instantaneous. A minimum Tally On/Off state of 1 sec is allowed via the CCCAM (this is automatically limited).

### Limitations

The use of this workaround can cause problems if the user requires independent use of the Recording facilities on the camera. CCCAM units running software version 39 or above can disable this feature.

To do this navigate the menus on the CCCAM to Main Menu → System → Camera Options → Tally Mode.

The mode "Force Record" is enabled by default, the other option is "Standard". Standard mode will stop the CCCAM attempting to control the Recording mechanism.