# Video and Intercom

## SDI Video

The ADC operates a high-definition video system running at 1080p60. Primary distribution is via HD SDI signals running on BNC-terminated coaxial cable. An assortment of various BlackMagic Design SDI/HDMI converters are available for use by shows.

There is a fixed show relay camera and IR camera on the rear of auditorium bar, which can both be viewed at the SM desk and on various screens around the building.

The theatre has additional video tielines to the Perches SR & SL, the Pit (x2), DSR (x2), MSR, Upstage, DSL (x2), Upstage Left (x2), the rear of auditorium bar and the Larkum Studio (x3).

The theatre has two SDI cameras and four additional video monitors. SDI video is fully patchable around the building using the microMUSA patch panel in the Patchbay. There are two patchable 8-way SDI splitters and one 4-way SDI splitter dedicated for a conductor relay.

## Video Production

A BlackMagic Design 10-in 6-out video switcher and encoder are available in the Patchbay rack for connection to the rest of the building video infrastructure. These are both fully controllable remotely via the network. Internet streaming to well-known public video on-demand services is possible with prior arrangement with the Technical Manager.

## Projectors

A Panasonic PT-DZ870 projector is permanently rigged on the rear of auditorium bar with an SDI feed from the second monitor output of the Mac Mini in the control box. This feed can be previewed from a screen in the control box and the projector is fully network controllable from the Mac Mini. Lenses available are:

Panasonic Standard Lens 1.8-2.5:1 Zoom Lens
Panasonic DLE050 0.8:1
Panasonic DLE250 2.4-3.7:1 Zoom Lens

The Theatre has a Panasonic D6000 projector with a flying cradle for portable use in the grid on-stage or on Bridge 1. The Theatre has a HDMI to VGA adaptor to feed this projector. If you wish to change the lens in either projector you must speak to the Technical Manager.

## Intercom (Cans)

The theatre has a standard Tecpro 2-wire intercom system with three distinct rings or intercom circuits. There is a power supply and patch panel in the Patchbay, with tielines to the following locations, some of which also have outstations:

    SM Desk (dual channel master station)
    MSPS
    DSPS
    MSOP
    Scene Dock/Iron Winding handle (permanent outstation)
    Offices

Upstage
Hemps
Counterweights
Pit
Auditorium Plot desk
Auditorium Plot desk – Ring B
Perches
Patchbay (permanent outstation)
Sound Control Box (permanent outstation)
Lighting Control Box (permanent outstation) – Ring B
Larkum Studio – Ring C

Note that the default patch has the Larkum Studio on ring C, the lighting control box & one of the plot desk points on ring B and all other points on ring A, with this being changeable using the patch panel in the Patchbay (note that this is a bantam patch). Usually the two rings are used together however they can be split at the SM desk if required.