



BrightEye™

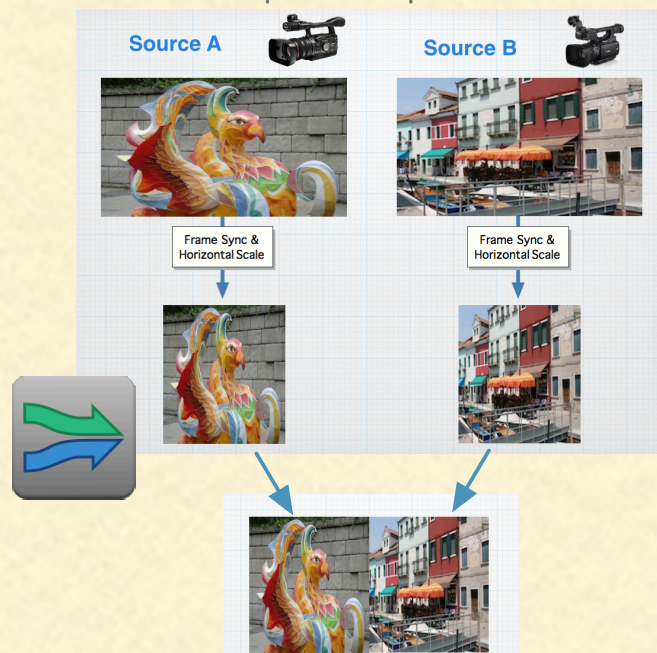
DualPath - Two Signals in a Single Path

ENSEMBLE
DESIGNS



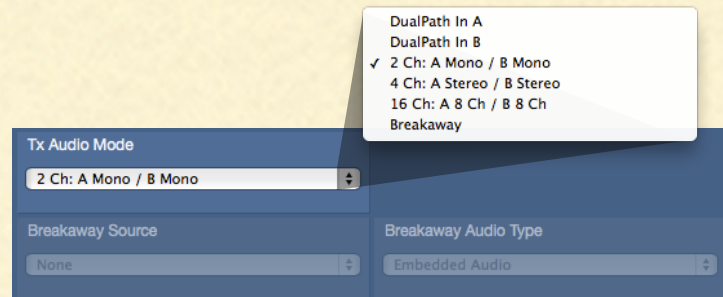
DualPath Tx
Combines Two Signals

Each video input is compressed to 50% width.



The compressed output is still an 'ordinary' baseband video signal.

Choose the audio transmission mode to suit the production requirements, and the capacity of the transmission path.



DualPathTx Out
contains both signals.

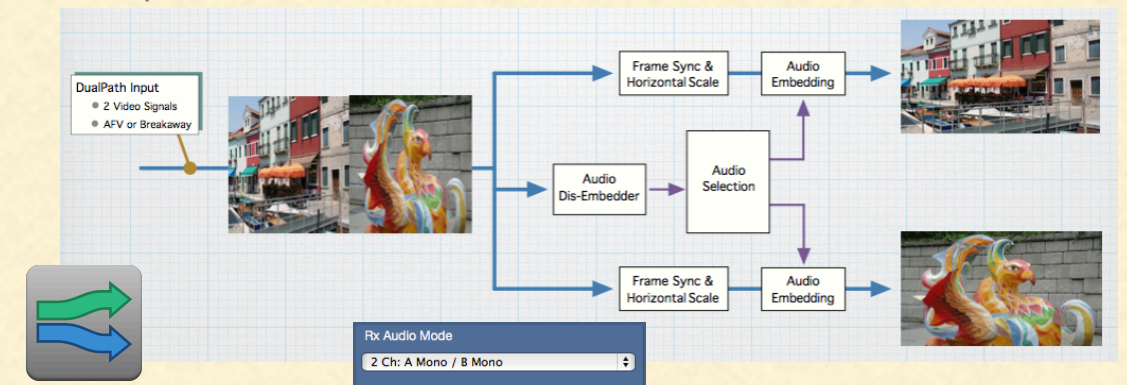
Route the Tx signal to
the transmission path.

Signal Routing
at Transmit End

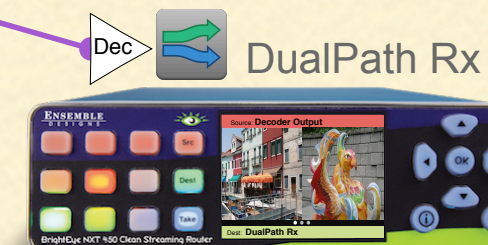
The DualPath signal, carrying two
videos and associated audio, travels as
a single feed over an ordinary path.
DualPath operates only at the end
points, with no changes required to the
existing link.
This example shows an IP link utilizing
MPEG compression, but DualPath works
equally well with baseband SDI and
Fiber connections.

IP Connection
**LAN, VPN,
Public Internet**

The left and right halves of the multiplexed signal
are expanded back to their correct dimensions.

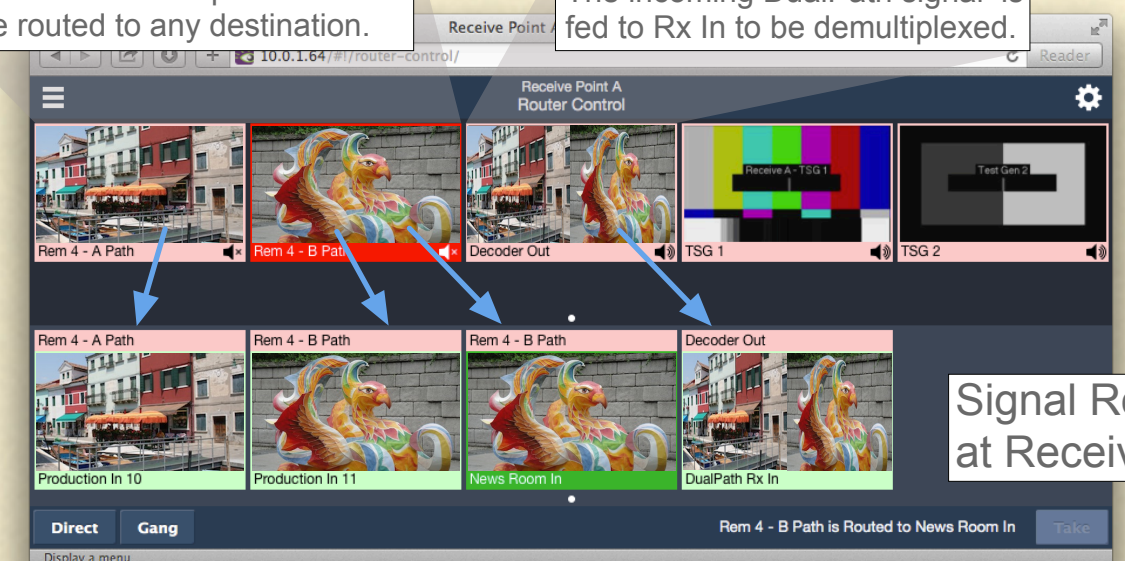


Set the Audio Receive mode
to match transmission.



The two sources recovered by
the DualPath Rx process can
be routed to any destination.

The incoming DualPath signal is
fed to Rx In to be demultiplexed.



Signal Routing
at Receive End

DualPath adds two more
destinations for signal routing.