

IFB Cueing for News Remotes

TheCue provides live news operations with a revolutionary way to communicate with field personnel -- before, during and after remotes. Using proven wireless technologies, *TheCue* provides two independent, secure, bidirectional cueing channels and private LAN connectivity to each individual ENG truck, via most CDMA or HSDPA networks.

Can work independent of your station coverage area

When *TheCue* is configured to operate independent of your station's DTV signal and ENG microwave, your truck has continuous audio and data connectivity from the moment of dispatch, even if the story is miles outside your station's coverage area. Download scripts or even connect to your station's VLAN while on the go.



Two-Way IFB that meets today's challenging news demands

◆ On-the-Go Data Connectivity

- Work on the fly
- Download Scripts

◆ Configurable Contact Closures

- Alarming
- Remote Feedback
- On-Air Indicator
- Other Status Requirements

◆ Self-diagnostics

- Continuous Status Monitoring

◆ Front Panel

- Headphone Jack/Volume
- Link Status
- Highly Visible Display
- Easy Access menu/Option Selectors
- Ethernet Connection

Flexible options include ATSC version

Flexible enough to accommodate your field needs and budget, *TheCue* is available in several configurations, ranging from a single 3G modem up to a full combination of two 3G modems plus ATSC or ATSC-only, in a single chassis. At its maximum configuration, *TheCue* provides triple redundancy, so you never miss the shot.

Design

TheCue is created by broadcasters specifically for cueing and live broadcast remotes. We took great consideration of the limited space available in ENG trucks, providing a one RU compact box, with highly legible front panel display. All interfaces on the front panel of *TheCue* are designed with a low profile, minimizing the potential for damage and human error in rough field conditions.

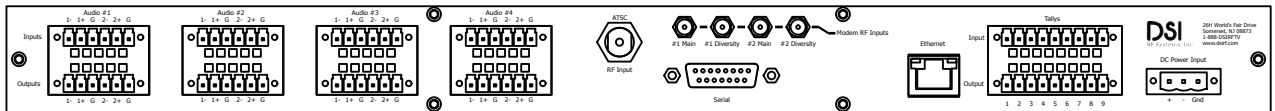
Rear Panel Tallies

TheCue provides two Tally I/Os in each direction, allowing user configurable contact closures for alarming, on-air indicators, remote feedback or any other status requirements.

IFB Cueing for HD News Remotes

Rear Panel

The rear panel provides ethernet, balanced audio inputs and outputs DC power input, tally connections, ATSC RF input, four diversity modem connections and features Phoenix screw secured hardware to ensure against vibration.



Future Path

TheCue is designed with all user needs in mind, therefore, DSI will offer *TheCue* in multiple formats, including WiFi and WiMax by the end of 2009. Because *TheCue* is modular, each upgrade will be a simple field retrofit, and you will not have to continuously change your equipment as technology advances. Each upgrade option can be used stand-alone or combined with other available technologies to create redundant systems and provide maximum user options.

Specifications

Features	
Audio:	Audio Response: 50Hz to 7.5kHz I/O LEVELS: -10 dBm to +4 dBm I/O Type: transformerless balanced audio Connections: Plug-in Phoenix connectors with secure screw-in latch to ensure against vibration
Monitoring:	Front panel headphone selector switch/ level control monitors all inputs & outputs Standard 1/4" diameter headphone jack
Display:	Serves as the Interface for all control status & alarm functions LED backlight 144 x 32 Dots Viewable in low-light & bright sunlight
Alarms:	System operational parameters are constantly monitored by internal microprocessors Alarms are displayed on the front panel GUI display
Tally (On-Air):	2 Input & 2 Output tally circuits provided for studio to/from truck signaling
LAN/WAN:	10/100 Base-T Ethernet Internal Router Front & Rear Panel Ethernet jack
Modem:	Diversity reception using 2 externally-mounted antennas All functions controlled by front panel selector and graphics display Most CDMA or HSDPA networks supported Internal ruggedized industrial modem Female BNC jacks - SMA
Front Panel:	Ethernet Port GUI pushbutton Switch (Item Select) GUI Rotary selection Encoder (Menu Select) Graphics display Standard 1/4" Headphone jack w/volume control
Rear Panel:	DC Power Input Tally Connections 8 Tally I/O open collector drivers & opto-isolated inputs for signaling 9 pin Phoenix screw connectors to ensure against vibration All functions controlled by front panel selector and graphics display 4 balanced audio I/O w/Phoenix screw connectors

Mechanical

Size: 1.75" x 19" x 8.5"
Weight: 10 lbs.
Finish: Clear iridite chassis, powder coat front panel

Electrical Requirements

Voltage: 12-24 VDC
Current: 3 Amp Max
Power Supply: Main: Plugstrip (wall wart)
Alternative: 12VDC

RF Connectors

2 RF Inputs
2 Diversity Antenna inputs
1 ATSC RF input via F Connector

The Cue is Available Today
Call DSI for a Free Demo

Call: 888-DSIRFTV
NY, NJ & PA email: sales1@dsirf.com
All others email: sales2@dsirf.com