

Quick Shot™

Auto Positioning Antenna Control System

Features

Automatic Operation

- GPS-interfaced embedded control provides automatic alignment of the directional antenna and greatly simplifies operation
- Automatic alignment with receive site
- Automatic tracking of airborne downlinks

Remote Control Operation

- The NSI MC5 can remotely control the Quick Shot™ - adding a whole new dimension to mobile transmit operations
- Takes the microwave setup activities out of the truck and allows a single operator at the studio to control both ends of the microwave link
- Allows remote vehicle operation by a single-person crew
- Additional equipment in the remote vehicle can also be remotely controlled by the MC5



Automatic Antenna Alignment

The Quick Shot™ is an advanced control system for mobile operations that reduces setup time by automatically aligning the transmit antenna with the receive location. At the heart of the Quick Shot™ system is a GPS-interfaced embedded control, which provides automatic alignment of the directional antenna and greatly simplifies operation. The operator simply selects the desired receive site and Quick Shot™ automatically aligns the transmit antenna.

Quick Shot™ is also deal for mobile receive applications, such as automatically tracking an airborne downlink. Operationally, it uses telemetry from the incoming downlink to automatically steer its directional antenna. An automatic acquisition feature further simplifies the tracking function.

Compatible with widely used pan/tilt positioners such as the Quickset QPT90, the Quick Shot™ can be retrofitted to existing microwave vehicles.

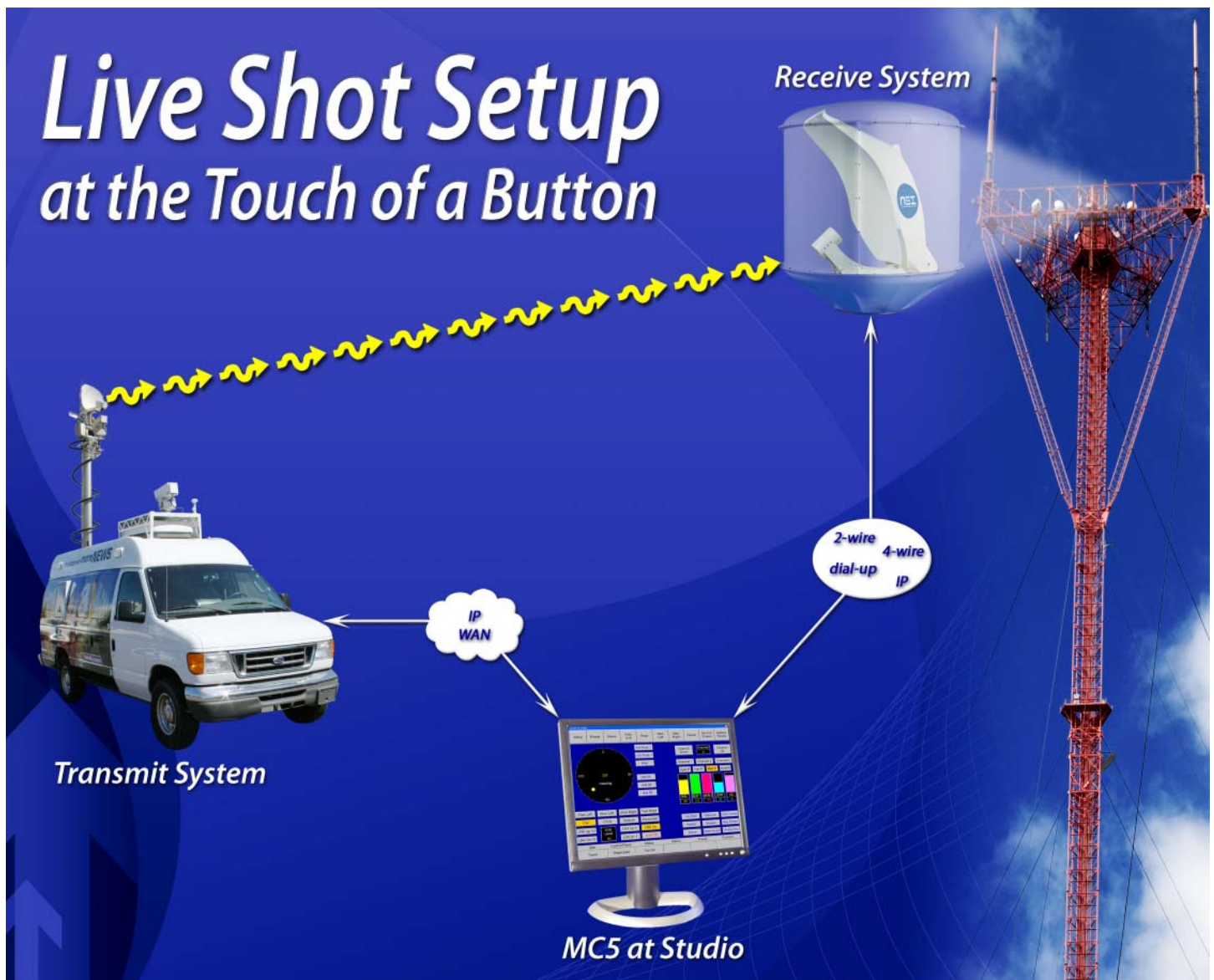
Remote Control Operation

The Quick Shot™ can be remotely controlled by the NSI MC5 - adding a whole new dimension to mobile operations. This advanced capability takes the microwave setup activities out of the truck and allows a single operator at the studio to control both ends of the microwave link. It also allows remote vehicle operation by a single-person crew. The vehicle operator raises the antenna and the studio does the rest.

Additional equipment in the remote vehicle can also be remotely controlled by the MC5, including transmitters and receivers, cameras and switchers/routers.

The MC5 features user friendly control panels with straight foward control buttons and meters, providing intuitively easy operation and a short learning curve. It also features several advanced automatic functions to simplify live shots and enhance daily operations, including the state-of-the-art *Auto Link™* function, which provides automatic link setup at the touch of a button.





Live Shot Setup at the Touch of a button

The NSI MC5 can remotely control the Quick Shot™ as well as the central receive system, enabling a single operator at the studio to control both ends of the microwave link. *Auto Link™* is an advanced automatic function of the MC5 that automatically aligns the transmit and central receive antennas – at the touch of a single button on the MC5. This closed loop solution eliminates the traditional hunt-and-see method of link setup, simplifying operation and reducing setup time.