

Kit Contents:

- 1 *microLite* HD Tx with transmitter mounting bracket and Litepanels kit - preassembled
- 1 *microLite* HD Rx with receiver mounting bracket - preassembled
- 1 Omni Directional Tx antenna
- 2 Rx compact sector 12dBi antennas
- 1 Manfrotto Magic Arm
- 1 Manfrotto Super Clamp
- 1 AC/DC power supply for *microLite* Receiver (Tamiya DC connector)
- 1 Receiver power cable set (2.5mm power connector to Tamiya)
- 1 Transmitter power cable set (Lemo to Tamiya)
- 1 Anton Bauer D-Tap power cable (D-Tap to Tamiya)
- 2 Audio cables (Telocate to XLR unbalanced)
- 2 USB-Serial adapters for configuring units (USB to RS-232)
- 1 Null Modem cable for *MLR* configuration (between *MLR* and USB serial adapter)
- 1 USB/Power software update cable for system software updates for the *MLT*
- 1 Transmitter power cable (Lemo to Tamiya/DB-9)
- 3 Instruction Manuals and NanoController Software on USB stick



Figure 1



Figure 2



Figure 3

- Figure 1: *microLite* Kit
- Figure 2: *microLite* Receiver and bracket with sector antennas mounted using the Magic Arm.
- Figure 3: *microLite* Transmitter mounted on camera with Litepanels mount, antenna, power cable and video cable connected.

microLite Quick Start Guide

1. **Overview** - This document contains setup instructions and use of the *RF Central MicroLite System*. Refer to the user manual for more detailed technical information.
2. **Transmitter set-up**
 - 2.1. Remove *microLite Transmitter (MLT)* from the case. Mounting bracket and Litepanels kit is already attached to the *MLT*. Attach assembly to camera.
 - 2.2. Connect video source to the Video/SDI Input (BNC jack).
 - 2.3. Connect analog audio source (Telocate to XLR) to the transmitter using the 2 provided audio cables (if not using embedded audio).
 - 2.4. Connect TX antenna (small omni directional) to the RF output (SMA).
 - 2.5. Connect the power source to the *MLT* using the supplied transmitter power cable.
 - 2.6. Select the desired preset using the set button.
 - 2.7. Transmit signal using the *MLT* Tx/Standby button.
 - 2.8. *microLite Transmitter* will have one of the following button controls:
 - 2.8.1.1. BARS – Will turn internal Bars on and off.
 - 2.8.1.2. FAN – Will turn the internal fan on and off
3. **Receiver set-up**
 - 3.1. Remove *microLite Receiver (MLR)* from the case. The mounting bracket with *MLR* is preassembled.
 - 3.2. Attach *MLR* to the Magic Arm using tripod mount bracket.
 - 3.3. Connect SDI output as needed (BNC connector).
 - 3.4. Connect audio output as needed (RCA jacks).
 - 3.5. Connect RX antennas (larger sector directional) to the RF Inputs (N-Type).
 - 3.6. Aim directional sector antennas in the general area of *MLT* operation.
 - 3.7. Connect power source to the *MLR* using the power cable supplied.
 - 3.8. Select *MLR* preset using the set button.

Connectors (from left to right)	Label on Unit	Description
Lemo 7 pin	Power and Control	Power in, RS-232 Control
Telocate	Audio - Left	Audio Input
Telocate	Audio - Right	Audio Input
Lemo 5 pin	EXT	ASI In and Out
BNC	Video – SDI	Video In



Figure 1: *microLite* Transmitter Connectors

Connectors	Label on Unit	Description
RCA Jacks	Left – Right	Audio Outputs
BNC	Video	Composite out only (noHD)
BNC	SDI	HD/SD SDI
Power Jack	DC In 11-28VDC	Power Input
RJ 45	No Label	VIP and Remote Control
RS-232	Remote/User Data	Remote/User Data
BNC	ASI	ASI Output



Figure 2: *microLite* Receiver Connectors