Kit Contents:

- 1 *micro*Lite HD Rx with receiver mounting bracket - preassembled
- 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 USB-Serial adapters for configuring units (USB to RS-232)
- 1 Null Modem cable for *MLR* configuration (between *MLR* and USB serial adapter)
- 1 Instruction Manuals and NanoController Software on USB stick

Figure 1

Figure 2

- Figure 1: *microLite* Kit
- Figure 2: *microLite* Receiver and bracket with sector antennas mounted using the Magic Arm.

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