



- ① TWO-WIRE DECODER CONTROLLER:  
RAIN BIRD IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER WITH IQ NCC GPRS CARTRIDGE IN LXMM METAL CABINET WITH OUTSIDE WALL MOUNT. INSTALL CONTROLLER AND CABINET ON WALL PER MANUFACTURER'S RECOMMENDATIONS.
- ② CELLULAR ANTENNA:  
RAIN BIRD IQEXTANGP GPRS/CELLULAR EXTERNAL ANTENNA (FOR USE WITH LXMM METAL CABINET ONLY)
- ③ JUNCTION BOX
- ④ 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
- ⑤ POWER SUPPLY WIRE
- ⑥ 2-INCH CONDUIT AND FITTINGS FOR TWO-WIRE CABLE
- ⑦ MAXICABLE TWO-WIRE PATH TO DECODERS  
USE A DIFFERENT CABLE JACKET COLOR FOR EACH PATH

NOTES:

- 1. IQ ESP-LXD CONTROLLER COMES WITH 50 STATIONS AVAILABLE. TWO ADDITIONAL 75 STATION ESPLXD-SUM75 MODULES MAY BE ADDED TO EXPAND THE CONTROLLER UP TO 200 TOTAL STATIONS.
- 2. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40 PVC CONDUIT FOR BELOW GRADE CONDITIONS.
- 3. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.
- 4. OWNER IS RESPONSIBLE FOR PROVIDING CELLULAR SERVICE CAPABLE OF INTERFACING WITH NCC GPRS CARTRIDGE. INSTALL CONTROLLER IN A LOCATION TO MAXIMIZE ANTENNA RECEPTION. CONDUCT A SURVEY OF THE SITE TO ASSURE A VIABLE AND CONSISTENT CELLULAR CONNECTION BEFORE INSTALLING CONTROLLER.

**IQ ESP-LXD SATELLITE  
TWO-WIRE DECODER CONTROLLER**

N.T.S.

**WITH IQ NCC GPRS CARTRIDGE  
IN METAL CABINET**

1-10-11

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