



- ① TWO-WIRE DECODER CONTROLLER:
RAIN BIRD IQ ESP-LXD SATELLITE TWO-WIRE DECODER CONTROLLER WITH
IQ NCC WiFi CARTRIDGE IN PLASTIC CABINET WITH WALL MOUNT. INSTALL
CONTROLLER AND CABINET ON WALL PER MANUFACTURER'S RECOMMENDATIONS.
- ② JUNCTION BOX
- ③ 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
- ④ POWER SUPPLY WIRE
- ⑤ 2-INCH CONDUIT AND FITTINGS FOR TWO-WIRE CABLE
- ⑥ 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. IQ NCC WiFi CARTRIDGE COMES WITH AN INTERNAL ANTENNA FOR USE WITH
PLASTIC CABINET. INSTALL CONTROLLER IN A LOCATION TO MAXIMIZE ANTENNA
RECEPTION. CONDUCT A SURVEY OF THE SITE TO ASSURE A VIABLE AND
CONSISTENT WiFi CONNECTION BEFORE INSTALLING CONTROLLER. OWNER IS
RESPONSIBLE FOR PROVIDING WIRELESS INTERNET SERVICE CAPABLE OF
INTERFACING WITH NCC WiFi CARTRIDGE.

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

N.T.S.

**WITH IQ NCC WiFi CARTRIDGE
IN PLASTIC CABINET**

1-10-11

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