

441.700 Repeater System

Repeater Information

Transmitter (Output) Frequency: 441.700 MHz
Receiver (Input) Frequency: 446.700 MHz
CTCSS Tone: 77.0 Hz

Repeater System Location Information

Location in: Bridgeport, Connecticut (Fairfield County)
41 11' 78" North Latitude
73 09' 59.37" West Longitude

Repeater Antenna System Information

Height Above Sea Level (HASL): 300 FEET
Height Above Average Terrain (HAAT): 180 FEET
Height Above Ground Level (HAGL): 145 FEET
Repeater Antenna Type: Celwave Super Station Master Model No.# PD455-6 (w/ 10 db. Gain)
([for more info click here. \(pdf\)](#))
Repeater Antenna RF Feed line: 135 Feet of (1 7/8" inch) RFS Commercial Hardline
Repeater Remote Base Link Antenna: Diamond Tri-Band Vertical Antenna Model No.# X3200A (2m/220/440)

Repeater System Hardware Information

Repeater Transmitter/Receiver: Kenwood Model No.# TKR-850 Commercial Repeater
Repeater Controller: RLC/Link-Comm Model No.# RLC-DSP404 Digital Deluxe Controller
Repeater Duplexers: Wacom (4-Cavity) Rack Mount
Repeater Amplifier: Henry 200 Watt Continuous Duty Repeater Amplifier
Band Pass Filter: TX/RX Systems 3db. Band Pass/Notch Filter Cavity
Repeater Receiver Pre-amplifier: TX/RX Systems 16db. Gain Pre-Amplifier
Repeater Power Supply: Samlex Model SEC-100BRM 100amp Rack Mount

Remote Base System Information

Doug Hall Model RBI-1 Remote Base System and
Diamond Model No.#X3200A Tri-Band Antenna 144MHz/220MHz/440MHz
7/8" RFS Commercial Hardline
Kenwood Model TM-241A, TM-331A & TM-441A Link Radios
(Remote Links to 144/220/440 MHz Bands)

Dedicated Links System: Links to Repeaters listed below:

G.B. ARC's WA1RJI 146.445 +1MHz PL. Tone 77.0Hz Repeater System Bridgeport, CT.
N1JBS 224.680 -1.6MHz PL. Tone 123.0Hz Repeater System Rocky Hill, CT.
M2 Antenna Systems Model No.#2M4 Directional Beam Antenna
1/2" RFS Commercial Hardline

Repeater RF Jumper Cables: 1/2" inch SuperFlex Hard line Jumper Cables