

RAINS BIRD[®] IQ Server/Client Satellite Radio Configuration & Installation

For Additional Information See IQ-NCC Cartridge Installation and Operations Guide for IQ Server/Client Satellite Radio Cartridge Installation and Configuration Instructions.

Go to www.RainBird.com/IQ for **IQ-Cloud Support** (800) 254-0692 training, presentations, product literature and information for IQ-IQCloudSupport@RainBird.com www.RainBird.com/IQ Enterprise and IQ-Desktop.

Rain Bird Global Service Plan (GSP) (866) 477-9778 www.GSPSupport@RainBird.com



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	CTS Delay	CTS 1 ms	
	CTSHOLD Delay	CTSHOLD n/a	
	Receive Time Out Timer	RXTOT NONE	
	Receive Data Holdover	RXD 0 ms	
	Sleep Mode	SLEEP n/a	
	Low Power Mode HOLD	LPMHOLD 20 ms	
	Output Triggering	OT OFF	

Store and Forward	
Extension Address	XADDR 0
Extension Map	
Primary Extension Addr.	XPRI 0
Extension RSSI	XRSSI NONE
Show Sync	Not Available
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CTS Delay	CTS 1 ms
CTSHOLD Delay	CTSHOLD n/a
Receive Time Out Timer	RXTOT NONE
Receive Data Holdover	RXD 0 ms
Sleep Mode	SLEEP n/a
Low Power Mode HOLD	LPMHOLD 20 ms
Output Triggering	OT OFF

	Not Available	
Extension Address	Not Available	
Extension Map		
Primary Extension Addr.	XPRI **	
Extension RSSI	XRSSI NONE	
Show Sync	Not Available	

Network Wide Diagnostics	
DTYPE	DTYPE NODE
DLINK	DLINK 19200 (ON)
Software RTU	RTU 0 (OFF)
Diagnostic Options	Diagnostics: ON



NOTE: Highlighted settings are different than the default settings.

Radio Settings 1		
Radio Mode	MODE X	
Power Level	PWR 30 dBm	
Data Baud Rate	BAUD 38400 8N1	
Port	PORT RS232	
Device Type	DEVICE DCE	
Alarm Mask	MASK: FFFF FFFF	
Alarm Sense	Alarm active HI	

Radio Settings 2			
CTS Delay	CTS 1 ms		
CTSHOLD Delay	CTSHOLD n/a		
Receive Time Out Timer	RXTOT NONE		
Receive Data Holdover	RXD 0 ms		
Sleep Mode	SLEEP n/a		
Low Power Mode HOLD	LPMHOLD 20 ms		
Output Triggering	OT OFF		

Network Settings 1		
Network Address	ADDR ** (see NOTE)	
Clock Sync Address	Not Available	
Hope Time	Not Available	
Skipped Zones	Not Available	
Low Power Mode Settings	Not Available	

Network Settings 2	
Repeat Count	Not Available
Retry Count	Not Available
Forward Error Correction	Not Available
Data Buffering	Not Available
Minimum RSSI	MRSSI NONE

Store and Forward Settings		
Store and Forward	Not Available	
Extension Address	XADDR**	
Extension Map	Click to View	
Primary Extension Addr.	XPRI **	
Extension RSSI	XRSSI NONE	
Show Sync	Not Available	

NOTE: Set **Extension Address** to a unique network address 1 to 31. Set **Primary Extension Address** of the upstream radio (use XPRI 0 for the Master Radio).

Network Wide I	Network Wide Diagnostics	
DTYPE	DTYPE NODE	
DLINK	DLINK 19200 (ON)	
Software RTU	RTU 0 (OFF)	
Diagnostic Options	Diagnostics: ON	

NOTE: Configure the **Network** Address to match the address configured in the Master Radio.

Signal Strength can be displayed for a Remote Radio or Extension Radio by clicking on the RSSI (Received Signal Strength Indicator) tab. RSSI cannot be read at the Master Radio.

In the MDS TransNET Radio Configuration window, click on the RSSI button. A dialog box showing RSSI value will be displayed.

- The scale should display a minimum of-90 dBm and a maximum of-50 dBm.
- To increase signal strength, use an antenna with a higher dB gain and/or increase the height.
- To decrease signal strength, use an attenuator or decrease the power setting in the radio.

RSSI BUTTON			
	\sim		
MDS TransNET Radio Configuration	of guestion will be	×	
File CommPort Special About			
	Zone Data RSSI	Refresh	
> show sync NOT AVAILABLE		RSSI	
>dtype DTYPE NODE >dlink DLINK 19200 (ON)		-60 -50 dBm	
>rtu RTU 0(OFF) >options		-60 dBm	
Diagnostics: ON >		-70 dBm 📃 👻	
- Information	Store and Forward Settir Radio Settings 1 Radio Settings 2	-80 dBm stics	
Serial NumberSN: 02507043Unit AddressUNIT 7043	Radio Mode MODE R	-90 dBm	
Software Rev. 06-4040A01 4.0.5 5Aug2013	Power Level PWR 30 Data Baud Rate BAUD 96	-100 dBm	
Owner's Name	Port PORT R	-110 dBm	
Owner's Msg.	Alarm Mask MASK: F	-120 dBm	
Temperature TEMP +36 C	Alarm Sense ALARM A	OK	
Alarms NO ALARM PRESENT CODE: 0000 0000	L		
Status: Settings: 19200,n,8,1		00:17:01	

Mount the radio in the pedestal for free-standing IQ Satellite pedestal enclosure applications





900MHz Radio Omni-Directional Antennas & Accessories			
Model	Description	dB Gain	Connector Type
GSP-TRA9023NP	3″N-Mount with 3' Cable	3	TNC Male
GSP-ODA23	23" Pole Mount	3	N Female
GSP-ODA48	48" Pole Mount	5	N Male
GSP-ODA96	96" Pole Mount	7	N Male
GSP-MMK9	23″ & 48″ Antenna Clamp, Single		
GSP-FM2	96" Antenna Clamp, Double		
GSP-xxFT-LMR195	Antenna Cable; Specify cable length and connectors (N-M or -F x TNC-M)		
GSP-xxFT-LMR400	Antenna Cable; Specify cable length and connectors (N-M or -F x TNC-M)		