

Care and Feeding of Telex Radio Dispatch Systems

IP-223 Web Browser Configuration

Accessing Web Browser Configuration Windows

Before connecting the IP-223 to the web browser, an IP Address compatible with an existing network must be set.

The configured IP Address is the web browser address (<http://XXX.XXX.XXX.XXX>, the XXX's refer to the values for the assigned IP Address) used to access the IP-223 Web Setup windows.

To **access the web setup windows**, do the following:

1. Open the **web browser** on the PC.
2. In the web address bar, enter the **IP Address** of the IP-223.



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3. From the User Name drop down menu, type *admin* or the Username.
4. In the Password field, enter the appropriate Username password.



If this is the first time the IP-223 has been started and a password has not been assigned to the unit, no entry is required.

5. Click **OK**.

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IP-223 Web Browser Configuration

The Welcome window

TELEX
RADIO DISPATCH PRODUCTS
IP-223

Name: Default
MAC: 00-0B-7C-34-40-96
SN: 23424406 FW: 4.012

Basic Ethernet Setup | General Gain Setup | Multicast Address Setup | Per Line Setup | Save to EEPROM

Account Setup | Additional Feature | Clone Console | CRP Setup | CRP PIN Table | Pass Change | Tone Freq & Durations

Console Name:

The Telex IP-223 remote adapter provides a reliable means of remotely controlling up to two, two-way radio base stations. The adapter interconnects to Telex's C-6200 IP console or the C-Soft Windows console by means of any available Wide Area Network (WAN) connection, including wireless. And now, the IP-223 can be optionally compatible with Tetra radio systems, commonly found throughout the world. It is also now capable of decoding 5/6 tone signaling. Dispatchers can use the adapter in up to six different ways:

- 1) In the local mode, the radio connects directly to the IP-223.
- 2) The tone mode generates the keytones required to control any tone-equipped radio circuit.
- 3) The console mode uses existing tones, decoding Ethernet traffic for the console to play.
- 4) In the crosspatch mode, mobile dispatchers can communicate with another user within the radio system.
- 5) With the PIB or TDI to connect POTS line to dispatch network.
- 6) With the NI-223 to connect iDEN phone to the dispatch network.

Firmware Version: 4.012 Checksum: 9DE71F9C

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IP-223 Web Browser Configuration

Basic Ethernet Setup

Basic Ethernet Setup

Serial Number: 23424406 MAC Address: 00-0B-7C-34-40-96

Basic IP Setup

Use DHCP: *(If using DHCP, some parameters below will not be required)*

Unit IP Address:	<input type="text" value="192.168.1.15"/>	DNS Number 1:	<input type="text" value="0.0.0.0"/>
Subnet Mask:	<input type="text" value="255.255.255.0"/>	DNS Number 2:	<input type="text" value="0.0.0.0"/>
Gateway Address:	<input type="text" value="192.219.1"/>	DNS Number 3:	<input type="text" value="0.0.0.0"/>

Packets Setup

Packet Delay before Playback:	<input type="text" value="6"/>	QOS Precedence Bits:	<input type="text" value="0"/>
		QOS D, T, and R Bits:	<input type="text" value="0"/>

Local Console IP Address

1	<input type="text" value="0.0.0.0"/>	2	<input type="text" value="0.0.0.0"/>
3	<input type="text" value="0.0.0.0"/>	4	<input type="text" value="0.0.0.0"/>
5	<input type="text" value="0.0.0.0"/>	6	<input type="text" value="0.0.0.0"/>
7	<input type="text" value="0.0.0.0"/>	8	<input type="text" value="0.0.0.0"/>
9	<input type="text" value="0.0.0.0"/>	10	<input type="text" value="0.0.0.0"/>

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General Gain Setup

General Gain Setup

Handset Gain Setup

Handset Mic Gain: dB Handset Sidetone Gain: dB

Line Gain Setup

Line	Receive Gain	Transmit Gain	CTCSS Gain	TX Voice Gain
1	<input type="text" value="0.0"/> dB	<input type="text" value="0.0"/> dB	<input type="text" value="0.0"/> dB	<input type="text" value="0"/> dB
2	<input type="text" value="12.0"/> dB	<input type="text" value="0.0"/> dB	<input type="text" value="0.0"/> dB	<input type="text" value="0"/> dB

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Multicast Setup

Multicast Address Setup

Line Multicast Setup

Line Number:	Enable via Ethernet:	Line Type:	Line Name:	Rx Mcast Address:	Rx Port:	Tx Mcast Address:	Tx Port:	Tx Group Port:	TTL:
1	<input checked="" type="checkbox"/>	Phone Mode	idEN	225.8.11.81	2054	225.8.11.81	4072	0	6
2	<input checked="" type="checkbox"/>	iDen Radio	idEN	225.8.11.81	1055	225.8.11.81	1073	0	6

Line Number: Vendor Type:

1 ADPCM 32K

2 ADPCM 32K

Phone Setup

Ring	Enable:	Line Name:	Multicast Address:	Outgoing Port:	TTL:
Ring	<input checked="" type="checkbox"/>	Ring	225.8.11.81	2052	6

System Manager Setup

System Manager	Enable:	Name:	Multicast Address:	Incoming Port:	Outgoing Port:	TTL:
System Manager	<input checked="" type="checkbox"/>	Sys Manager	231.18.22	7536	7536	1

Tap Setup

Line Number:	Enable:	Vendor Type:	Line Name:	Mcast Address:	Port:	TTL:
1	<input type="checkbox"/>	ADPCM 32K	Tap 1	225.8.11.81	2250	6
2	<input type="checkbox"/>	ADPCM 32K	Tap 2	225.8.11.81	2251	6

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Per-line setup

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Per Line Setup - Line 1
 Line 1 | Submit | Line 2
 Line Mode Status: Local Mode (Change in Mobile Address Setup) **Port Enabled**

COR Setup

Per Line Setup - Line 2
 Line 1 | Submit | Line 2
 Line Mode Status: **Yase Mode** (Change in Mobile Address Setup) **Port Enabled**

COR Setup

Per Line Setup - Line 1
 Line 1 | Submit | Line 2
 Line Mode Status: **Console Mode** (Change in Mobile Address Setup) **Port Enabled**

COR Setup
 LAM Enabled COR Enabled COR Active High

CTCSS Setup
 Always On On with PTT Tone Output

Delay Setup
 TX Delay: 0 ms RX Delay: 00 ms
 Squelch Tail Delay: 0 ms

Function/Tone Setup
 Jump to Entry: 1 to 10 Update

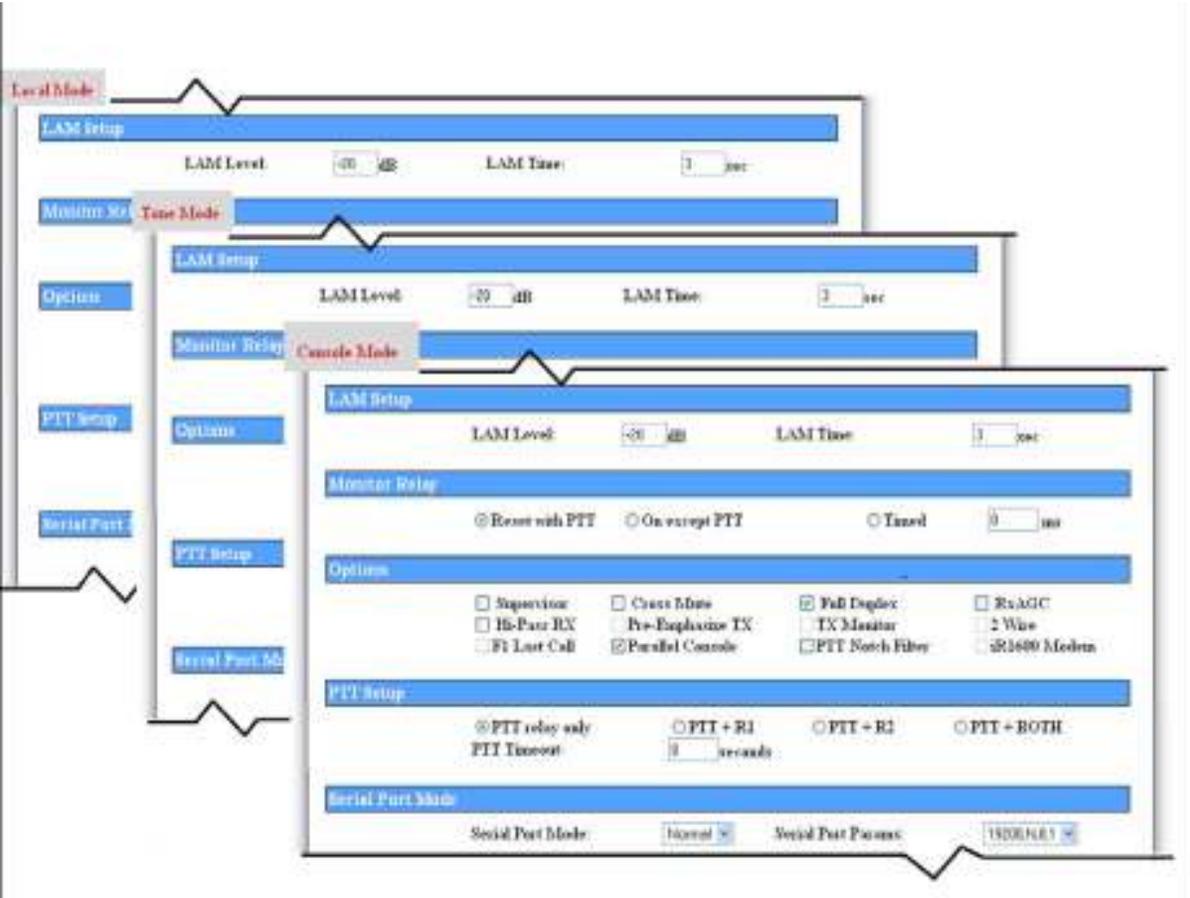
Entry Num	Tone Enable	Relay Group	Relay Group	Digital Output	CTCSS Freq	CTCSS Default	System	Class
1	<input checked="" type="checkbox"/>		1	0	0	<input type="checkbox"/>		0
2	<input checked="" type="checkbox"/>	RA1	1	0	0	<input type="checkbox"/>		0
5	<input checked="" type="checkbox"/>	RA2	1	0	0	<input type="checkbox"/>		0
4	<input checked="" type="checkbox"/>	BOTH	1	0	0	<input type="checkbox"/>		0
5	<input checked="" type="checkbox"/>		1	0	0	<input type="checkbox"/>		0
6	<input checked="" type="checkbox"/>	RA1	1	0	0	<input type="checkbox"/>		0
7	<input checked="" type="checkbox"/>	RA2	1	0	0	<input type="checkbox"/>		0
8	<input checked="" type="checkbox"/>	BOTH	1	0	0	<input type="checkbox"/>		0
9	<input checked="" type="checkbox"/>		1	0	0	<input type="checkbox"/>		0
10	<input checked="" type="checkbox"/>	RA1	1	0	0	<input type="checkbox"/>		0

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IP-223 Web Browser Configuration

Per-line Setup (part 2)

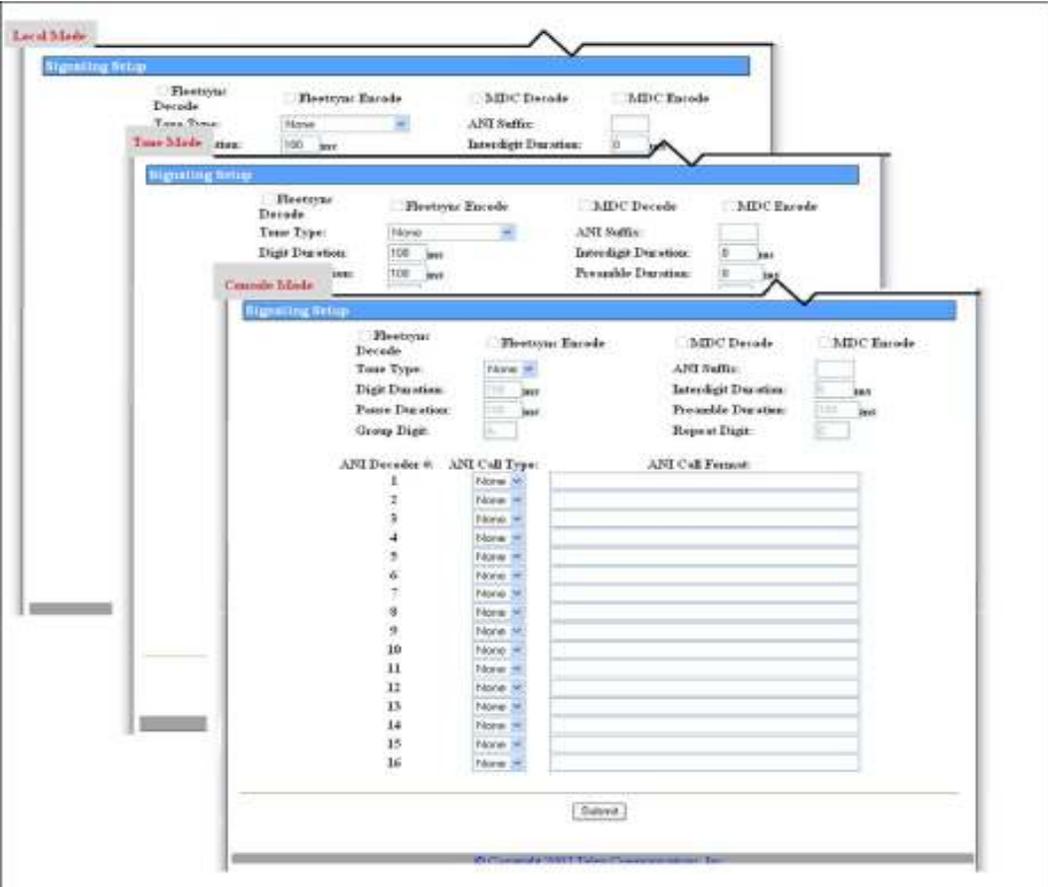


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IP-223 Web Browser Configuration

Per-line Setup (part 3)



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IP-223 Web Browser Configuration

Per-line Setup Phone Mode

Per Line Setup - Line 1

Line Mode Status: **Phone Mode** (Change in Multicast Address Setup) **Port Enabled:**

Auto Answer Setup

Auto Answer: Rings Auto Disconnect Time: seconds

Delay Setup

TX Delay: ms RX Delay: ms

LAM Setup

LAM Level: dB LAM Time: sec

Mic Click Setup

Mic Click Call: Enabled Number of Clicks:

Time Between Clicks: ms Click Dial String:

Click Dial Timeout: seconds

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Per-line Setup Phone Mode (part 2)

Monitor Relay			
<input checked="" type="radio"/> Reset with PTT	<input type="radio"/> On except PTT	<input type="radio"/> Timed	<input type="text" value="0"/> ms
Options			
Relay Closure:	<input type="checkbox"/> R1 - Ring	<input type="checkbox"/> R2 - OffHook	
Rx AGC:	<input type="checkbox"/>	Keep Alive Digits:	<input type="checkbox"/> Enabled
Star/Pound Keying:	<input type="checkbox"/> Enabled	Detect Tones:	<input type="checkbox"/> Enabled
Hook Flash Time:	<input type="text" value="500"/> ms	Network Call Timeout:	<input type="text" value="60"/> minutes
Station ID:	<input type="text"/>	Busy Channel Lockout:	<input type="checkbox"/> Enabled
RP251/C550 Setup			
C550 Operation:	<input type="checkbox"/> Enabled	RP251 Operation:	<input type="checkbox"/> Enabled
RP251 Access Digits:	<input type="text"/>	RP251 Connect Digits:	<input type="text"/>
Serial Port Mode			
Serial Port Mode:	<input type="text" value="Normal"/>	Serial Port Params:	<input type="text" value="19200,N,8,1"/>

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IP-223 Web Browser Configuration

User Account Setup

By default, the IP-223 comes with two (2) **system accounts** created: *admin* and *user*. Upon first use, there are no passwords set for either account. You can change the passwords for both of the accounts, if desired. These are the only system accounts allowed.

Admin System Account

The **Admin System** account has privileges to change, modify or delete anything within the IP-223 software configuration. The account rights are not configurable, except for the password.

User System Account

The **User System** account is used to manage the system user account password. The system user account is in edit mode when the username field is highlighted yellow.

Created accounts are user-defined accounts that may have different defined permissions to selected areas of the IP-223 configuration software. You can create up to five (5) accounts of this type.

Account Setup

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IP-223 Web Browser Configuration

Account Setup

System Accounts

Enable:	Username:	Password:	New Password:	Confirm Password:	
<input checked="" type="checkbox"/>	admin	<input type="text"/>	<input type="text"/>	<input type="text"/>	Save
<input type="checkbox"/>	user	*****	<input type="text"/>	<input type="text"/>	Edit Save

Submit

Created Accounts

Delete Add New User

System Parameters

Reset System Parameters

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IP-223 Web Browser Configuration

Setup User Account

Account Setup

System Accounts

Enable:	Username:	Password:	New Password:	Confirm Password:	
<input checked="" type="checkbox"/>	admin	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Save"/>
<input checked="" type="checkbox"/>	user	*****	<input type="text"/>	<input type="text"/>	<input type="button" value="Save"/> <input type="button" value="Cancel"/>
<input type="checkbox"/> Set no Password					

Created Accounts

Delete:	Username:	Password:	New Password:	Confirm Password:	
<input type="checkbox"/>	new1	*****	<input type="text"/>	<input type="text"/>	<input type="button" value="Edit"/> <input type="button" value="Save"/>

System Parameters

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IP-223 Web Browser Configuration

Add New User

Choose a Username:

Username: Password: Confirm Password:

Set Permission:

<input checked="" type="checkbox"/> Additional Feature	<input checked="" type="checkbox"/> Save to EEPROM	<input checked="" type="checkbox"/> Welcome Page
<input type="checkbox"/> Account Setup	<input type="checkbox"/> Basic Ethernet & Multicast Setup	<input type="checkbox"/> Clone Console & Pass Change
<input type="checkbox"/> CRP Setup & PIN Table	<input type="checkbox"/> General Gain Setup	<input type="checkbox"/> Per Line Setup
<input type="checkbox"/> Tone Freq & Durations		

NOTE: All users will have access to the Welcome page, Additional Feature page, and Save to EEPROM page regardless of permission.

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IP-223 Web Browser Configuration

Cross-Patch Setup

Crosspatch Setup

Local Setup

Enable Line-Lane:

Start Patch FTone: Stop Patch FTone:

Remote Setup

Enable RCP:

Dialing Digits: Interdigit Time: ms Beep Dly: ms

Patch Timeout: sec Global: sec Drop All:

SCP Tables

Jump to Entry:

Entry	Add String	Delete String	Mode	Phone	#1 or #2
1	<input type="text"/>	<input type="text"/>	<input type="text" value="MPTCH"/>	<input type="text"/>	<input type="text" value="Radio 1"/>
	IP Address	Rx Multicast	Rx Port	Tx Multicast	Tx Port
	<input type="text" value="0.0.0.0"/>	<input type="text" value="0.0.0.0"/>	<input type="text" value="0"/>	<input type="text" value="0.0.0.0"/>	<input type="text" value="0"/>

Entry	Add String	Delete String	Mode	Phone	#1 or #2
2	<input type="text"/>	<input type="text"/>	<input type="text" value="MPTCH"/>	<input type="text"/>	<input type="text" value="Radio 1"/>
	IP Address	Rx Multicast	Rx Port	Tx Multicast	Tx Port
	<input type="text" value="0.0.0.0"/>	<input type="text" value="0.0.0.0"/>	<input type="text" value="0"/>	<input type="text" value="0.0.0.0"/>	<input type="text" value="0"/>

Entry	Add String	Delete String	Mode	Phone	#1 or #2
10	<input type="text"/>	<input type="text"/>	<input type="text" value="MPTCH"/>	<input type="text"/>	<input type="text" value="Radio 1"/>
	IP Address	Rx Multicast	Rx Port	Tx Multicast	Tx Port
	<input type="text" value="0.0.0.0"/>	<input type="text" value="0.0.0.0"/>	<input type="text" value="0"/>	<input type="text" value="0.0.0.0"/>	<input type="text" value="0"/>

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