User's & Administrator's Manual

AudioCodes High Definition IP Phones Series

RX-PANEL Meeting Room Scheduler

Version 2.6





Table of Contents

1	Intro	oduction	7
	1.1	Highlights	7
	1.2	Specifications	
2	Gott	ing Started	٩
2		-	
	2.1	Before Getting Started	
	2.2	Positioning	
	2.3	Mounting	
	2.4	Cabling	
	2.5	Powering up	
	2.6	Managing RX-PANEL	
3	Usin	Ig RX-PANEL	.13
	3.1	Reserving a Meeting	. 13
	3.2	Managing a Reservation	. 14
	3.3	Checking in	. 15
	3.4	Configuring User Settings	. 15
		3.4.1 Configuring Accessibility	
		3.4.2 Rebooting the Device.	
	2 5	3.4.3 Viewing Device Information	
	3.5	Configuring Admin Settings	
		3.5.2 Configuring Display Settings	
		3.5.3 Configuring Date and Time	
		3.5.4 Configuring Wi-Fi	21
		3.5.5 Configuring Bluetooth	
		3.5.6 Configuring USB3.5.7 Configuring Power Saving	
		3.5.8 Configuring Security	
		3.5.9 Configuring Language & Input	
		3.5.10 Modifying Network	
		3.5.11 Configuring 802.1x Settings.	
	3.6	3.5.12 Configuring VLAN Settings	
	5.0	Enrolling a Device with Intune Policies	
		3.6.2 Creating a Exclusion Group	
	3.7	Removing Devices from Intune admin center	
4	Deh	ugging	
Ţ.,			
	4.1 4.2	Log Settings	
	4.2	Remote Logging	
	4.4	Diagnostic Data	
	4.4 4.5	· · · · · · · · · · · · · · · · · · ·	
	4.5 4.6	Reset configuration	
	4.0 4.7	User Data Reset	
		Restart Teams App	
	4.8	Debug Recording	
	4.9	Erase all data (Factory Reset)	
		ADB	
	4.11	SSH	.43

4.12	Screen Capture	43
	Remote Packet Capture	
	Enabling Advanced Meeting Functions	

Notice

Information contained in this document is believed to be accurate and reliable at the time of printing. However, due to ongoing product improvements and revisions, AudioCodes cannot guarantee accuracy of printed material after the Date Published nor can it accept responsibility for errors or omissions. Updates to this document can be downloaded from <u>https://www.audiocodes.com/library/technical-documents</u>.

This document is subject to change without notice.

Date Published: Oct-07-2024

Security Vulnerabilities

All security vulnerabilities should be reported to vulnerability@audiocodes.com.

WEEE EU Directive

Pursuant to the WEEE EU Directive, electronic and electrical waste must not be disposed of with unsorted waste. Please contact your local recycling authority for disposal of this product.

Customer Support

Customer technical support and services are provided by AudioCodes or by an authorized AudioCodes Service Partner. For more information on how to buy technical support for AudioCodes products and for contact information, please visit our Web site at https://www.audiocodes.com/services-support/maintenance-and-support.

Stay in the Loop with AudioCodes



Abbreviations and Terminology

Each abbreviation, unless widely used, is spelled out in full when first used.

Documentation Feedback

AudioCodes continually strives to produce high quality documentation. If you have any comments (suggestions or errors) regarding this document, please fill out the Documentation Feedback form on our Web site at http://online.audiocodes.com/documentation-feedback.

Related Documentation

Document Name		
RX-PANEL Meeting Room Scheduler Datasheet		
RX-PANEL Meeting Room Scheduler Quick Guide		
One Voice Operation Center (OVOC) Release Notes		
One Voice Operation Center (OVOC) User's Manual		
Device Manager Administrator's Manual		



This page is intentionally left blank.

1 Introduction

The AudioCodes PANEL-RX Meeting Room Scheduler is a purpose-built Microsoft Teams Panel with an intuitive touchscreen display. Neatly installed right at the entrance to the meeting room, the RX-PANEL's brightly colored status LED enables users to quickly see the meeting room's availability from a distance. Users can also view the meeting details on its sleek and clear LCD screen and reserve a meeting room on the spot.

1.1 Highlights

RX-PANEL supports the following features:

- Utilizes plug-and-play simplicity to boost the meeting room experience with a dedicated panel showing the meeting details and room availability.
- Easily reserve the room for ad-hoc meetings.
- Unique, clearly-visible status LED indicating meeting space availability.
- Glass and wall mountable for a professional and spotless appearance.
- Dedicated special touch buttons (Home and Back).
- High-resolution 8-inch touchscreen.
- Runs Android 12 for improved security.
- Can be managed by AudioCodes Device Manager.

Part number: TEAMS-RX-PANEL-MSRP

1.2 Specifications

The following table shows the RX-PANEL specifications.

Feature	Description
LCD	High resolution touch LCD, anti fingerprints, 1280 x 800
Built-in keys	Dedicated touch keys – Home and Back
Power	PoE Class 3 or external power supply
Connectivity	 Dual Band Wi-Fi Bluetooth 5.0 PoE Class 3 Ethernet
LED	RGB Status LED
Dimensions (W x H x D mm)	223.4 x 155.9 x 24.4
Weight (kg)	0.8
Mounting	Wall and glass mount (the glass option should be ordered separately)
Certifications	Microsoft Teams Rooms
Compatibility	Works with Android and Windows based meeting room devices



This page is intentionally left blank.

2 Getting Started

The figure below shows the physical appearance of AudioCodes' RX-PANEL Meeting Room Scheduler.



See <u>here</u> for more information about the device.

2.1 Before Getting Started

Make sure you received the following in the shipped box:

- Ethernet cable
- 4 screws, 4 wall anchors, 1 template (for concrete wall mount)
- Glass-mounting bracket (for glass partition mount)



2.2 **Positioning**

Position the device at the entrance to a conference room. Mount the device on a:

- concrete wall -or-
- glass partition

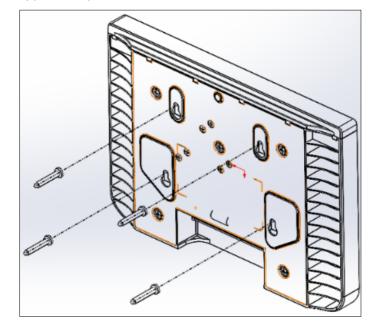


Note: Note that the device is suitable for mounting at a height no more than 2m.

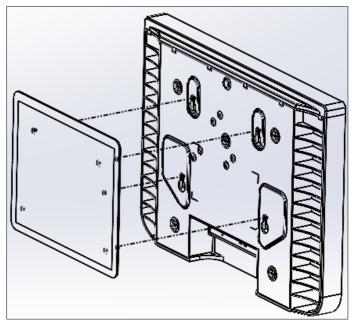
2.3 Mounting

Concrete wall (see figure below)

Use the supplied template to mark locations for 4 wall anchors; insert the 4 screws into them.



Glass partition (see figure below)
 Remove the bracket's adhesive strip cover, fix the bracket on the glass and hang RX-PANEL on it.



2.4 Cabling

The figures below show the RX-PANEL rear connector ports.



#	Description
1	The figure above left shows the ports' location (concealed view).The figure above right shows the exposed view.
2	DC jack for 12V power supply
3	Reset (Insert pin, unplug PoE, keep pin inserted, plug in PoE, keep pressing for 10 seconds)
4	Ethernet LAN/PoE GbE, RJ-45
5	USB Type C connector (for maintenance purposes) (see the User's & Administrator's Manual)

2.5 Powering up

Connect the RX-PANEL LAN/PoE to any PoE Ethernet switch; the unit powers up.

2.6 Managing RX-PANEL

RX-PANEL is managed by AudioCodes' One Voice Operations Center | Device Manager. Management includes:

- Firmware management / upgrade
- Alarm management
- APK upgrade



Note: Firmware *downgrade* is blocked as of version 2.6.280 to prevent a possible race condition (conflict) between Microsoft Teams admin center (TAC) and AudioCodes' OVOC | Device Manager.



This page is intentionally left blank.

3 Using RX-PANEL

Use the table below as reference to the following figure.



Use this table as reference to the preceding figure:

L-R	Description			
1	Space availability status LED, viewable from a distance:			
	 Green = meeting space available; optionally reserve it right now 			
	 Red or purple = meeting space unavailable 			
	 Flashing red is a system status alert indicating, for example, recovery mode. 			
	 Flashing green and blue indicates restore to defaults. 			
2	Meeting details; meeting time date organizer			
3	Meeting space availability status			
4	'Back' button; Tap to return to the screen previously accessed			
5	All meeting spaces and availability statuses			
6	Tap to reserve an available meeting space for an ad hoc meeting			
7	 Tap to return to the home screen from any screen. 			
	 Long-press to access Settings. 			
Note: A	Note: Admin can change background wallpaper color of status indicator text contrast, etc.			

3.1 **Reserving a Meeting**

You can reserve an ad hoc meeting when the LED is green.

> To reserve an ad hoc meeting:

1. Activate RX-PANEL.

Scan to reserve	Audiocodes devices	ð
Conference Room		
AUDC HQ Test		
	Test meeting 17:30 - 18:00	
	Available 18:00-00:00	_
	Tuesday, October 03	
	Available 00:00 - 15:38	
		ŝ

- Reserve a room using the QR Code in the home screen. RX-PANEL allows people to
 reserve the meeting room using the QR code. For more information about the feature,
 see <u>here</u>. For information about reserving a room using QR code, see <u>here</u>. This feature
 is enabled by default and can be disabled under **Device settings > Admin**settings > Meetings.
- [When RX-PANEL is paired with a Microsoft Teams Room on Android device (RXV81 -OR- RXV200), tap Reserve.

13:31 Monday, Jun 26, 2023			Available			1
Conferen	Ē	Ad hoc meeting				
AUDC HQ	0 ¢	Conference Room AUDC H	Q Test			1
		13:45	14:15		>	
		14:00	14:30			rve
	(13:31 - 13:45				
			Cancel	Reserve		
Room equipme						
					F 1	¢

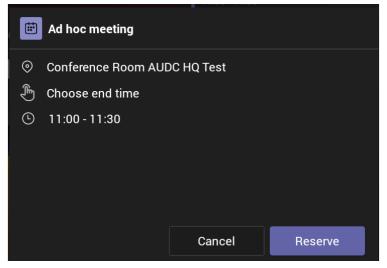
- **2.** Tap < or > to navigate to the end time.
- 3. Tap Reserve.

3.2 Managing a Reservation

- > To manage reservation:
- 1. Activate RX-PANEL and tap Manage.

imes Manage reservation	
E Check out	
Extend room reservation	

- 2. Tap **Check out** and in the verification prompt, tap **Check out**; this ends your room reservation.
- 3. Optionally, tap Extend room reservation.



4. Choose the end time and then tap **Reserve**.

3.3 Checking in

- > To check in:
- 1. Activate RX-PANEL.

11:01 Tuesday, Jun 27, 2023	maxim geller's Zoom Meeting
Conference Room AUDC HQ Test	Maxim Geller
	Check in
	Farhad Niat's Zoom Meeting 11:00-11:30 Check in
	Available 11:30-00:00
	Wednesday, June 28
Room equipme	Available 00:00-11:00

2. Tap Check in

3.4 Configuring User Settings





÷	Settings	Sound	
User			Madia universit
	Sound	ſ	Media volume
Ť	Accessibility	¢	Ring & notification volume
{}	Reboot		•
1	Touch screen		
()	About device		
Device	admin settings		
ර	Device Administration		
٩	Display		
0	Date & time		
(¢	Wi-Fi		
*	Bluetooth		

3.4.1 Configuring Accessibility

RX-PANEL features an accessibility service that allows low-vision users to interact with the device without difficulty. The feature improves the experience of these users.

- > To configure Accessibility:
- 1. Under 'User' settings, tap **Accessibility**.

÷	Settings	Accessibility
User		
•	Sound	Downloaded apps
Ť	Accessibility	Font size
{}	Reboot	High contrast text
\$	Touch screen	Color correction
()	About device	
Device	admin settings	
ර	Device Administration	
٩	Display	
0	Date & time	
(;	Wi-Fi	
*	Bluetooth	

- 2. Adjust the font size according to preference.
- 3. Adjust the contrast according to preference.
- 4. Adjust the color correction according to preference.

3.4.2 Rebooting the Device

You can reboot the device.

To reboot the device:

1. Under 'User' settings, tap the **Reboot** setting.

÷	Settings	Reboot
User		Reboot
•)	Sound	
Ť	Accessibility	
{}	Reboot	
2	Touch screen	
(j)	About device	
Device	admin settings	
ර	Device Administration	
٩	Display	
O	Date & time	
ŵ	Wi-Fi	
*	Bluetooth	

2. Tap **Reboot** and in the verification prompt displayed, tap **OK**.

3.4.3 Viewing Device Information

You can view information about the device.

> To view information about the device:

1. Under 'User' settings, tap About device.

÷	Settings	About device	
User		Status	
•	Sound	200.00	
Ť	Accessibility	Model RX-PANEL	
{}	Reboot	Device information RX-PANEL, integrated BT, 4 GB RAM, dual band WiFi	
\$	Touch screen	Android version 12	
(j)	About device		
		Version info	
Device	admin settings		
ර	Device Administration	More	
٩	Display		
0	Date & time		
((·	Wi-Fi		
*	Bluetooth		

2. Tap More to display more information.

÷	Settings	E About device More
User		
4)	Sound	Android Security Patch Level 2022-03-05
Ť	Accessibility	Android Version
{ }	Reboot	12
1	Touch screen	Firmware Version 2.1.600
(j)	About device	
Device	admin settings	
ර	Device Administration	
0	Display	
0	Date & time	
(î:	Wi-Fi	
*	Bluetooth	

3. Tap Status.

÷	Settings	E About device Status
User		IP address
4)	Sound	re autoress fe80::bf979539:b055:6385 10.16.2.59
Ť	Accessibility	Wi-Fi MAC address 0:17:19:05:cc:d1
{ }	Reboot	
2	Touch screen	Device MAC address 00:17:19:05:CC:D0
()	About device	Bluetooth address b4:8c:9d:c8:99:b4
Device	admin settings	Serial number
ර	Device Administration	RX00380112
٩	Display	Up time 23:43:45

3.5 Configuring Admin Settings

3.5.1 Configuring Device Administration

- > To configure device administration:
- 1. Under 'Device admin settings', tap **Device Administration**.

÷	Settings	Device Administration
User		Login
۱	Sound	
Ť	Accessibility	
{}	Reboot	
3	Touch screen	
(j	About device	
Device	e admin settings	
ර	Device Administration	

2. Tap Login, enter your password using the virtual keyboard displayed, and then tap OK.

4	Settings	Device Administration
Device	admin settings	Logout user
ර	Device Administration	
٩	Display	Account Signout
0	Date & time	Change password
0	Date & time	

- **3.** Tap **Logout user** to log out.
- 4. Tap Account Signout to sign out from Teams.
- **5.** Tap **Change password** to replace your old password with a new one. Use the virtual keyboard displayed to define the old and the new.

3.5.2 Configuring Display Settings

> To configure display settings:

1. Under 'Device admin settings', tap **Display**.

← Settings	Display
_ Device admin settings	Brightness level 100%
Device Administration	Screen timeout After 30 minutes of inactivity
Display	
③ Date & time	Font size Default
🗢 Wi-Fi	Screen saver Off

2. Tap the **Brightness level** scale to decrease or increase screen brightness.

3. Tap Screen timeout.

← Settings	← Display Screen timeout
1 Accessibility	O Never
{ } Reboot	O 30 seconds
Structure	O 1 minute
About device	O 2 minutes
Device admin settings	O 5 minutes
Device Administration	O 10 minutes
Display	30 minutes

- 4. Tap the option of your choice and then tap \leftarrow to go back to the previous screen.
- Tap Font size to make the text on the screen smaller or larger than the default and then tap
 ← to go back to the previous screen.
- 6. Tap Screen saver.

÷	Settings	← Di	isplay Screen saver	
User		Off		
۹)	Sound		0	
Ť	Accessibility		Current screen saver Clock	\$
{}	Reboot			
\$	Touch screen			
í	About device			
Device	e admin settings			
ර	Device Administration			
٩	Display			

- 7. Tap **Off** to activate (or **On** to deactivate).
- 8. Tap Current screen saver to change Clock > Colors or Colors > Clock depending on your preference and then tap ← to go back.

3.5.3 Configuring Date and Time

To configure date and time:

1. Under 'Device admin settings', tap **Date & time**.

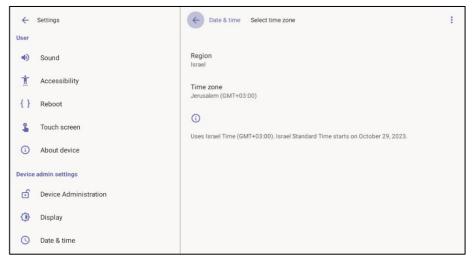
÷	Settings	Date & time	
Device	admin settings	Set time automatically	•
්	Device Administration	Date 6/26/23	
٩	Display	Time 11:18	
0	Date & time		
(:	Wi-Fi	Time zone	
*	Bluetooth	Set time zone automatically	
ψ	USB	Time zone GMT+03:00 Israel Daylight Time	
0	Power saving	Time format	
්	Security	Use 24-hour format 13:00	•
•	Languages & input	Date format M/d/yy	
<··>	Modify network		

- Activate Set time automatically for date and time to automatically be retrieved from the deployed Network Time Protocol (NTP) server. If this setting is activated, the following two settings (Date and Time) will be read only.
- 3. Tap **Date** to manually set the date in the calendar that is displayed.
- 4. Tap **Time** to manually set the time on the clock that is displayed.
- 5. Activate **Set time zone automatically** for the time zone to automatically be detected. If this setting is activated, the following setting (**Time zone**) will be read only.



Note: AudioCodes' devices feature an Automatic Time Zone Detection mechanism that allows the device to automatically detect the time zone via geographical location.

6. Tap **Time zone** if the previous setting **Set time zone automatically** is deactivated.



7. Tap **Region** and select the region in which you are located; the **Time zone** setting will be read only.

3.5.4 Configuring Wi-Fi

Admins can configure the device's Wi-Fi settings. The settings are concealed from the user's view.



Note: The Wi-Fi connection is transparent to users; which frequency is used, 2.4 GHz or 5 GHz, is made for users by the device; users cannot disable one or the other.

To configure Wi-Fi:

1. Under 'Device admin settings', tap Wi-Fi.

÷	Settings	Wi-Fi		
	admin settings	Us	e Wi-Fi	-
ර	Device Administration			
٩	Display	Ŷ	AC-Training	۵
0	Date & time	Ŷ	AUDC-Unitask	۵
(;	Wi-Fi	Ŷ	Audc_IOT	۵
*	Bluetooth	$\mathbf{\mathbf{\hat{v}}}$	Audc_Reception_Visitors	⋳
Ŷ	USB			
0	Power saving	Ŷ	AudioCodes	٥
්	Security	Ŷ	Guest-AudC	
۲	Languages & input	Ŷ	audc-ph	⋳
<i>«</i> »	Modify network	\bigtriangledown	IPP_DMZ_2.4GHz	۵

- 2. Activate Use Wi-Fi and then view a list of available connections.
- **3.** Select the Wi-Fi network you want and then use the virtual keyboard displayed to enter the password.

3.5.5 Configuring Bluetooth

Admins can configure the device's Bluetooth settings. Hands free profile where the phone is able to connect to Bluetooth headset or speaker.

To configure Bluetooth:

1. Under 'Device admin settings', tap **Bluetooth**.

+	Settings	Bluetooth		
	admin settings	Use Bluetooth		
ර	Device Administration			
٩	Display	Device name RX-PANEL		
0	Date & time	+ Pair new device		
((•	Wi-Fi	Previously connected devices		
*	Bluetooth	0		
ψ	USB	When Bluetooth is turned on, your device can communicate with other nearby Bluetooth devices.		

2. Activate Use Bluetooth and then tap + Pair new device.

÷	Settings	← Bluetooth Pair new device	÷
3	Touch screen	Device name RX-PANEL	
()	About device	Available devices	0
Device	admin settings	* RXV81	
ර	Device Administration	445HD_BT_44	
٩	Display	445HD_BT_4A	
0	Date & time	445HD_BT_59	
(0.	Wi-Fi	0	
*	Bluetooth	Device's Bluetooth address: B4:8C:9D:C8:99:B4	

3. Tap a device with which to pair RX-PANEL.

Pair with RXV81?		
Bluetooth pairing code 107784		
Allow access to your contacts and call history		
	CANCEL	PAIR

4. Tap PAIR.

3.5.6 Configuring USB

- > To configure USB:
- 1. Under 'Device admin settings', tap **USB**.

÷	Settings	USB	
	admin settings	Audio Device Mode	•
්	Device Administration		
٩	Display		
0	Date & time		
(;	Wi-Fi		
*	Bluetooth		
ψ	USB		

2. Activate **Audio Device Mode** and then tap \leftarrow to go back.

3.5.7 Configuring Power Saving

- **>** To configure Power Saving:
- 1. Under 'Device admin settings', tap **Power Saving**.

÷	Settings	Power saving	
Device	admin settings	Enable power saving On	•
ර	Device Administration	Start time 7:00	
٩	Display		
0	Date & time	End time 19:00	
(î:	Wi-Fi		
*	Bluetooth		
ψ	USB		
0	Power saving		
්	Security		
۲	Languages & input		
<··>	Modify network		

- 2. Activate **Power Saving** and then configure **Start time** and then **End time**.
- **3.** Tap \leftarrow to go back.

3.5.8 Configuring Security

- > To configure Security:
- 1. Under 'Device admin settings', tap **Security**.

÷	Settings	Security
	admin settings	Privacy Show passwords
ර	Device Administration	Display characters briefly as you type
٩	Display	
0	Date & time	
((•	Wi-Fi	
*	Bluetooth	
ψ	USB	
0	Power saving	
ර	Security	

- 2. Under **Privacy**, activate/deactivate **Show passwords**.
- **3.** Tap \leftarrow to go back.

3.5.9 Configuring Language & Input

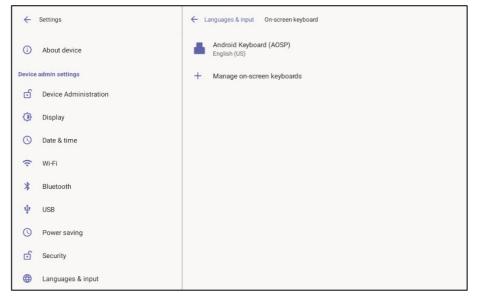
- To configure Language & Input:
- 1. Under 'Device admin settings', tap Language & Input.

÷	Settings	Languages & input
_		
Device	e admin settings	XA Languages English (United States)
ර	Device Administration	Keyboards
٩	Display	On-screen keyboard Android Keyboard (AOSP)
0	Date & time	Physical keyboard
((•	Wi-Fi	Not connected
*	Bluetooth	Text-to-speech output
ψ	USB	
0	Power saving	
ර	Security	
	Languages & input	

2. Touch Languages.

÷	– Languages
	nglish (United States) ain language
De	eutsch (Deutschland)
Er	nglish (United Kingdom)
Es	spañol (España)
Fr	ançais (Canada)
Fr	ançais (France)
lta	aliano (Italia)
М	agyar (Magyarország)
N	ederlands (Nederland)

- 3. Select a language and then view the **Changing language for Teams app** counter displayed until the language is changed. Tap ← to go back.
- 4. Tap Manage on-screen keyboards.



5. Define settings under 'Preferences' and 'Advanced' if necessary.

← Android Keyboard Settings (AOSP)	
Languages English (US)	
Preferences	
Advanced	

← Android Keyboard Settings (AOSP)	
Auto-capitalization Capitalize the first word of each sentence	
Double-space period	
Double tap on spacebar inserts a period followed by a space	
Sound on keypress	•

6. Configure your keyboard preferences, tap \leftarrow to go back and then tap **Advanced**.

Caudiocodes

÷	Android Keyboard Settings (AOSP)
Keypre System	ss sound volume default
Key lor 300ms	ig press delay

7. Tap \leftarrow to go back and then again tap **Languages & input**.

÷	Settings	Canguages & input Physical keyboard
ර	Device Administration	Keyboard assistance
٩	Display	Use on-screen keyboard Keep it on screen while physical keyboard is active
0	Date & time	Keyboard shortcuts
((•	Wi-Fi	Display available shortcuts
*	Bluetooth	
ψ	USB	
0	Power saving	
ර	Security	
•	Languages & input	
<>	Modify network	
{}	Debugging	

3.5.10 Modifying Network

Enables admins to determine network information and to modify network settings.

> To modify network settings:

1. Under 'Device admin settings', tap **Modify Network**.

÷	Settings	Modify network	
ර	Device Administration	IP address fe80::b197:9539:b055:6385 10.16.2.59	
0	Display	10.10.2.39	
0	Date & time	IP settings DHCP	
((•	Wi-Fi	Network state: Connected	
*	Bluetooth	Enable PC Port	
ψ	USB	PC Port enabled but not connected	
0	Power saving	Enable PC Port Mirror Off	•
ර	Security	Proxy	
	Languages & input	802.1x Settings	
< >	Modify network	VLAN Settings	

- 2. View read-only settings IP address, IP settings and Network state.
- 3. Tap IP settings.

IP settings		
• DHCP		
O Static		
	CANCEL	ок

- 4. Select DHCP or Static and tap OK.
- 5. Tap Enable PC Port to enable the PC port. Tap Enable PC Port Mirror to enable PC port mirror. RX-PANEL supports the port mirroring network monitoring technique of copying and sending network packets transmitted as input from a device port to another port of a monitoring device for enhanced analysis and debugging capability.
- 6. Tap **Proxy** to configure RX-PANEL with an HTTP Proxy server.

÷	Settings				← Modify r	network Mod	ify network				
ර	Device Admin	istration			Proxy hostnar	me					
٩	Display				Proxy port						
Q	Date & time				Bypass proxy	for					
((;	Wi-Fi										
*	Bluetooth				DONE	CLEAR RES	STORE DEFAUL	TS			
ψ	USB										
q	¹ W	2 e	3	r	t	⁶ У	7 U	8 İ	9 O	p	×
а	S	d		f	g	h	j	k	I	0	
+	z	х		С	V	b	n	m	ļ	?	<u>+</u>
~	?123	,						<	>		.com

7. Tap \leftarrow to go back.

3.5.11 Configuring 802.1x Settings

Admins can configure 802.1x Settings.

To configure 802.1x settings:

1. Under 'Device admin settings', tap **802.1x Settings**.

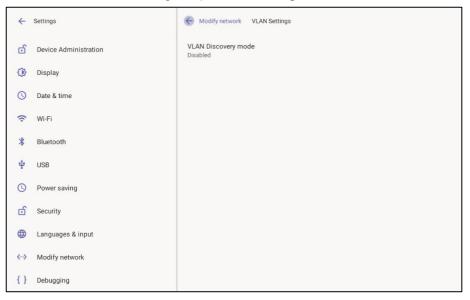
802.1x Settings		
Enable 802.1x		
	CANCEL	SAVE

2. Tap Enable 801.1x and then tap Save.

3.5.12 Configuring VLAN Settings

Admins can configure VLAN Settings. VLAN Settings allow you to configure the VLAN mode **Manual**, **CDP only** or **LLDP only**. Note that LLDP switch information is retrieved (for location purposes) when parameter network/lan/lldp/enabled=1 (even when VLAN is retrieved from **CDP** or VLAN is disabled or VLAN is **Manual**).

- **To configure VLAN settings:**
- 1. Under 'Device admin settings', tap VLAN Settings.



2. Tap VLAN Discovery mode.

VLA	VLAN Discovery mode						
۲	Disabled						
0	Manual configuration						
0	Automatic configuration (CDP)						
0	Automatic configuration (LLDP)						
0	Automatic configuration (CDP+LLDP)						
		CANCEL	ок				

- Cisco Discovery Protocol (CDP) is a Cisco proprietary Data Link Layer protocol
- Link Layer Discovery Protocol (**LLDP**) is a standard, layer two discovery protocol
- **3.** Select the mode you require and then tap OK. If you select **Manual configuration**, this screen opens:

÷	Settings	Contraction Modify network VLAN Settings
ර	Device Administration	VLAN Discovery mode Manual configuration
٩	Display	VLAN ID
0	Date & time	
((:	Wi-Fi	VLAN Priority 1
*	Bluetooth	
ψ	USB	
S	Power saving	
ර	Security	
	Languages & input	
<>	Modify network	
{}	Debugging	

4. Tap VLAN ID.

VLAN ID Enter VLAN ID (range 0 to 4094)								
					CAN	CEL OK		
-	+		1	2	3	×		
*	/	,	4	5	6			
()	=	7	8	9			
~			*	0	#			

- 5. Enter the VLAN ID (range 0-4094) using the virtual keyboard and then tap **OK**.
- 6. Tap VLAN Priority.

	VLAN Priority Enter VLAN Priority (range 0 to 7)							
					CAN	ICEL OK		
			-	-	-			
-	+		1	2	3	×		
*	/	,	4	5	6	0		
()	=	7	8	9			
~			*	0	#			

7. Enter the VLAN Priority (range 0-7) using the virtual keyboard and then tap **OK**.

3.6 Enrolling a Device with Intune Policies

Two ways are available to enroll an AudioCodes Teams Android-based device in Intune:

- Create a dynamic group see below
- Create an exclusion group see below

3.6.1 Creating a Dynamic Group

See here how to create dynamic groups in Intune for enrolling AudioCodes Android-based Teams devices.

3.6.2 Creating an Exclusion Group

The information presented here shows how to *exclude* AudioCodes Android-based Teams devices from the organization's Intune policies.

To exclude devices from the organization's Intune policies:

- Remove all conditions that were previous configured:
 - Access Microsoft Azure Government Portal Home > Conditional Access Policies > Require Hybrid Joined or Intune to Access Cloud Resources Conditional Access policy as shown in the figure below.
 - Exclude the device from Intune policies and replace displayName -contains RX-PANEL

where RX-PANEL is the name of the device model (device.model).

wicrosoft intune admin center								TALKMAIL (TALKMAIL COM) 🤎
~	Home > Devices Conditional access > Cond	itional Access Overview >		Filter fo	or devices			×
A Home	New							
🖾 Dashboard	Conditional Access policy			Configure of	iter to apply policy to specific dev			
E All services	Control access based on Conditional Access	Control access based on signals from conditions		-		vices, Learn more L		
Devices	policy to bring signals together, to make decisions, and enforce organizational policies.	like risk, device platform, location, client apps, or device state. Learn more 🖸		Configure ()	NO			
Apps	Learn more 🖻	Device platforms ①						
🌏 Endpoint security	Name *	Not configured		Devices match				
Reports	Example: 'Device compliance app policy'	Locations ①			iltered devices in policy			
🚨 Users	Assignments	Not configured		-	filtered devices from policy he rule builder or rule syntax text	hav to create or edit th	a filtar nula	
🚨 Groups	Users ①	-		And/Or	Property	Operator	Value	
Tenant administration	0 users and groups selected	Client apps ① Not configured			displayName	Equals	RXV81	Û
🗙 Troubleshooting + support	Target resources ()	Filter for devices ()		And	displayName	Equals	RXV200	Û
	No target resources selected	Exclude filtered devices		+ Add expre	ession			
	Conditions ①			Rule syntax @				🖉 Edit
	1 condition selected	Authentication flows (Preview) () Not configured		device.displa	ayName -eq "RXV81" -and device	adisplayName -eq "RXV	'200"	
		Not configured						
	Access controls							
	Grant 💿							
	0 controls selected		L					
	Session ()							
	0 controls selected							
	Enable policy							
	Report-only On Off							
	Create			Done				

3.7 Removing Devices from Intune admin center

You can remove devices from Intune admin center when the maximum capacity of signed-in devices is reached.

- > To remove devices from Intune admin center:
- 1. Go to Microsoft 365 admin center [portal.office.com] and log in with an Administration account.
- 2. Navigate to Devices > Android devices.

~	Home > Devices Android > Android					
✿ Home ■ Dashboard	Android Android	devices				
All services	₽ Search «	🕐 Refresh 🞍 Export	E Columns V	Bulk device action	15	
Devices	 Overview 					
Apps	Android devices			OS: Android (d	louice administrator) And	Iroid (personally-ow, +4
🚯 Endpoint security	Android enrollment	> Search	0	OS. Anarola (a	evice autimistrator), And	rold (personally-ow, +4
Reports	Android policies	Device name	Managed by	Ownership	Compliance	os \forall
L Users	Compliance policies	Confroomaudc_Androi	Intune	Personal	O Compliant	Android (device admi.
Groups	Configuration profiles	Confroomaudc_Androi	Intune	Personal	O Compliant	Android (device admi.
 Tenant administration Troubleshooting + support 		Confroomaude Androi	Intune	Personal	Compliant	Android (device admi.
	Android FOTA deployments	Confroomaudc_Androi	Intune	Personal	Compliant	Android (device admi.
		Confroomaudc_Androi	Intune	Personal	 Compliant 	Android (device admi.
		Confroompude Androi	Intune	Dessenal	Constant	Android (douise admi



Note: The Intune admin center service is licensed according to the terms of individual licenses so not all network admins will be able to navigate to it. Check if the license you're using includes the service or not.

3. Click Bulk device actions.

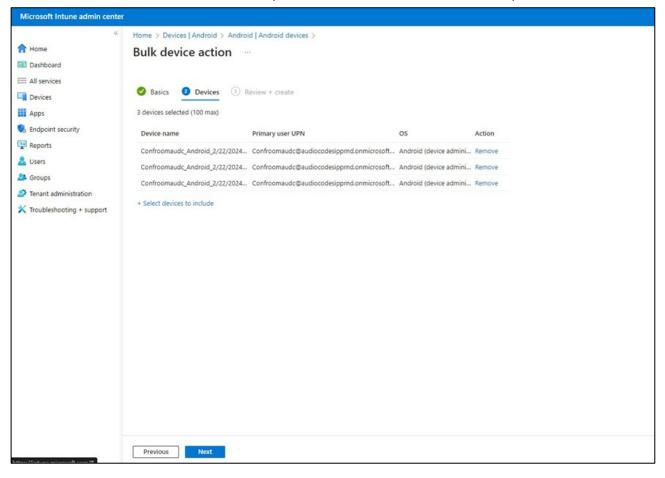
Home > Devices Android > Ar	ndroid Android devices >	
Bulk device action		
Basics ② Devices (3) Review + create	
OS *	Android (device administrator)	~
Device action *	Delete	~
longer be allowed to access y	will no longer be able to view or manage the device from the Intune portal. The your company's corporate resources. Company data may be wiped from the dev	e device will no vice if the device tries
to check-in after it is deleted	i.	
Previous Next		

4. From the 'OS' drop-down under the **Basics** tab, select **Android (device administrator)**. From the 'Device action' drop-down, select **Delete**. Click **Next**.

Home Deshboard All services Desices	Home > Devices Andreid > Andreid Andreid Andreid devices > Bulk device action	Select devices ×					
	Buik device action						
	At least one device must be selected	[Search by MRI: serial number, email, user principal nume, device name, management name, phone number, model, or manufacta					
Apps Apps Endpoint security	Basics Orwices Review + create	Device name 🖌 Primary user UPN OS					
😨 Reports	0 devices selected (100 max) No devices added	Cenhromaudic, Android, 2/12/2024, 11:35 AM Conhromaudic Baudiceo Selegioniti amirosofticom. Android (periode adminis Cenhromaudic, Android, 2/12/2024, 2:35 PM Conhromaudic Baudiceo Selegioniti amirosofticom. Android (device adminis					
A Groups	+ Select devices to include	Confroomaulo, Jandroid, J./22/2024, B.12. AM Confroomaulo: disublecodosperind emicrosoft.com. Audioid Jobsco adminis Confroomaulo: Jandroid J./22/2024, B.17. AM Confroomaulo: Baudiocodosperind emicrosoft.com. Audioid Jobsco adminis					
 Tenant administration Troubleshooting + support 		Confroomaudo, Android, 2/22/2004, 9/25 AM Confroomaudo:Baudiocodesipprindionmicrosoft.com Android (device adminis					
		Centromauler, Android, 2/26/2024, 6/53 FM Controlmaude/Baudicedespprind onniversoft.com Android (device adminis Galifecem_Android, 2/25/2024, 7:34 AM Galifecem@audicedespprind.onniversoft.com Android (device adminis					
		Galiloom Judmid 205/3014 745 344 Galiloomdita discontenent communet nom Audmid device admine× Selected devices					
		Confroomaudo, Android, 2/22/2024,1133 MAI. Confroomaudo@audiocodesippmd.ormiros Android (desize adm					
		Confroomaudo, Android 2/722/2024, 9:12 AM Confroomaudo@audiocodesipprnd.ormicro Android (device adm Ranove					
	Period	Seet					



5. Select the devices to delete (i.e., to remove from Intune admin center), and then click Select.



6. Under the **Devices** tab, click **Next**.

Microsoft Intune admin center						
«	Home > Devices Android > Android	Android devices >				
1 Home	Bulk device action					
🖾 Dashboard						
E All services						
Devices	🛛 Basics 💙 Devices 🧕 Revi	ew + create				
Apps	Summary					
Endpoint security	Basics					
Reports	Device action	Delete				
Lusers	OS	Android (device administrator)				
Sroups	Devices					
Tenant administration	Devices					
X Troubleshooting + support	3 devices selected (100 max)					
	Device name	Primary user UPN	os			
	Confroomaudc_Android_2/22/2024_11:	Confroomaudc@audiocodesipprnd.onmicrosoft.com	Android (device administr			
	Confroomaudc_Android_2/22/2024_2:5	Confroomaudc@audiocodesipprnd.onmicrosoft.com	Android (device administr			
	Confroomaudc_Android_2/22/2024_9:1	Confroomaudc@audiocodesipprnd.onmicrosoft.com	Android (device administr			
	Previous Create					

7. Under the **Review + Create** tab, make sure your definitions are correct and then click Create; admin receives a notification that a delete action from Intune was successfully initiated on all devices and that *n* devices were removed.



Note: It may take some time to completely sync the devices with the account so after delet- ing the devices wait for 30 minutes before signing in.



This page is intentionally left blank.

4 Debugging

- AudioCodes RX-PANEL leverages SSH as a debugging interface.
- AudioCodes recommends that customers disable SSH on RX-PANEL via AudioCodes' Device Manager (OVOC).
- AudioCodes recommends changing the Admin password from the default, via AudioCodes' Device Manager (OVOC).
- When RX-PANEL or multiple RX-PANELs needs to be debugged, users can enable SSH on it / them, access SSH with the new Admin password for the debugging phase, and disable SSH once debugging is finished.



Note: SSH is by default disabled and can be enabled with Administrator permissions in the RX-PANEL screen (**Device Administration** > **Debugging** > **SSH**).

4.1 Log Settings

Admins can configure log settings such as Log Level, Log Package Filter, Log Tag Filter and Log Buffer Filter.

- To log settings:
- 1. Tap Log settings.

÷	Settings	Constant Con
ර	Device Administration	Log Level
٩	Display	Log Package Filter
S	Date & time	Log Tag Filter
(;	Wi-Fi	Log Buffer Filter
*	Bluetooth	Current filter for logs logcat
ψ	USB	
C	Power saving	
ර	Security	
	Languages & input	
«·· »	Modify network	
{}	Debugging	

2. Tap Log Level.

Log	Level
\bigcirc	Verbose
0	Debug
\circ	Info
0	Warning
0	Error
\bigcirc	Assert
\bigcirc	None
	CANCEL

- **3.** Tap the level you require.
- 4. Tap Log Package Filter.

÷	Settings			Cebugging Log settings							
ර	Device Administration	1		Log Level							
٩	Display	Log Pac	kage Fil	ter							
O	Date & time										
((;	Wi-Fi	_	-				CANCEL OK				
*	Bluetooth			Current filter for logs logcat							
ψ	USB										
q	1 2 W	e r	4	t 5	у 6	U 7	i	9	p	×	
а	S	d f	f	g	h	j	k	I			
+	Z	x c	0	V	b	n	m	!	?	<u>+</u>	
~	?123	,					<	>		.com	

5. Tap Log Tag Filter.

÷	Settings			C Debugging Log settings						
්	Device Adminis	tration		Log Lev	el					
٩	Display		og Tag Filter							
C	Date & time							- 11		
((+	Wi-Fi		_		_	-	CANCEL 0	ĸ		
*	Bluetooth			Current filter for logs logcat						
ψ	USB									
q	1 2 W	е	3 4 r	t	у 6	⁷ И	8 İ	9 O	р	×
а	S	d	f	g	h	j	k	I	Q	
+	z	х	С	v	b	n	m	!	?	<u>+</u>
~	?123	,					<	>		.com

6. Tap Log Buffer Filter.

Log	Buffer Filter		
	Radio buffer		
	Events buffer		
	Main buffer		
	System buffer		
	Crash buffer		
	View all buffers		
\checkmark	Default - main, system and crash buffers		
		CANCEL	ок

7. Tap the level you require and then tap **OK**.

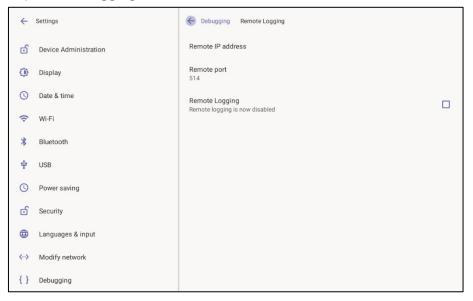
4.2 Voice Record

Read only setting.

4.3 Remote Logging

Remote Logging via Syslog provides information relevant to device issues (not Teams application issues). When performing Remote Logging via Syslog, the logs are collected in real time.

- > To configure remote logging capability:
- 1. Tap Remote logging.



2. Tap Remote IP address.

÷	Settings			K	Debugging Remote Logging						
ර	Device Administration			Re	mote IP addr	ess					
٩	Display	Remot	te IP	address							
0	Date & time										
((;	Wi-Fi				_	_	CANC	EL OK			
*	Bluetooth										
ψ	USB										
		-	+	Pause	1	2 авс	3 DEF	⊠			
		,		Wait	4 _{GHI}	5 JKL	6 мно	0			
		()	Ν	7_{pqrs}	8 _{TUV}	9 wxyz				
		~			*	0.	#				

3. Enter the IP address using the virtual keyboard, tap **OK** and then tap **Remote port**.

Caudiocodes

÷	Settings		C Debugging Remote Logging							
ත්	Device Administration			R	emote IP add	iress				
٩	Display	Remo	te port							
O	Date & time							051 014		
(;	Wi-Fi		-				CAN	CEL OK		
*	Bluetooth									
ψ	USB									
		-	+		1	2	3			
		*	/	,	4	5	6	Ø		
		()	=	7	8	9			
		~			*	0	#			

4. Enter the number of the remote port using the virtual keyboard and then tap **OK**.

4.4 Diagnostic Data

Network administrators can get diagnostics information to facilitate debugging.



Note: Administrators who need to get diagnostics info from the device can dump the logs to the phone's Secure Digital (SD) Card and then later collect them using Secure Copy Protocol (SCP) based on Secure Shell (SSH) protocol. Whenever an issue occurs, the administrator can dump the logs into the SD Card.

> To get diagnostic data:

Tap Diagnostic data.

Diagnostic Data		
Copy logs to sdcard?		
	CANCEL	ОК

4.5 **Reset configuration**

Admins can get the device to perform a restore to default factory settings.

- To reset configuration:
- Tap **Reset configuration**.

Reset configuration		
Are you sure you want to reset to your original configuration?		
	CANCEL	ОК

4.6 User Data Reset

RX-PANEL provides a **User data reset** option that is similar to factory reset except that this option preserves predefined data after firmware upgrade.

- To access the functionality:
- Tap User data reset.

User data reset		
Are you sure you want to user data reset to your device? All apps data will be deleted and configuration will be restored		
	CANCEL	ОК



Note: After 'User data reset', network settings are preserved.

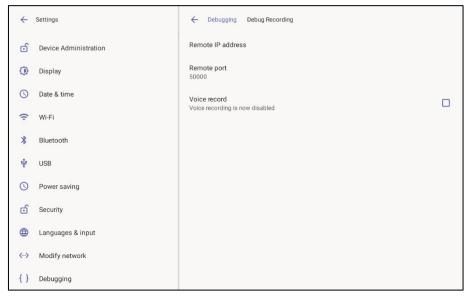
4.7 Restart Teams App

Refreshes the device's user interface.

4.8 Debug Recording

Admins can opt to get audio debug recording logs from the device screen. The purpose of these logs is for issues related to media.

- > To get audio debug recording logs:
- 1. Tap Debugging > Debug Recording.



2. Tap Remote IP address.

Caudiocodes

÷	Settings				Debugging	Debug Record			
ර	Device Administration	-	Re	mote IP addr	ess				
٩	Display	Remot							
0	Date & time	Enter th	ne remot	te IP address					
(;	Wi-Fi						CANCEL	ок	
*	Bluetooth								
ψ	USB								
		-	+	Pause	1	2 ABC	3 DEF		
		,		Wait	4 _{GHI}	5 JKL	6 мно	Ø	
		()	Ν	7 PQRS	8 TUV	9 _{wxyz}		
		~			*	0.	#		

3. Enter the remote IP address, tap OK and then tap Remote port.

÷	Settings			*	. Debugging	Debug Reco	ording			
ත්	Device Administration				Remote IP add	lress				
٩	Display	Remote Enter the		nort						
0	Date & time	50000		port						П
((+	Wi-Fi						CAN	CEL OK		
*	Bluetooth									
ψ	USB									
		-	+		1	2	3	\mathbf{x}		
		*	/	,	4	5	6	0		
		()	=	7	8	9			
		~			*	0	#			

4. Enter the remote port and then tap **OK**.

4.9 Erase all data (Factory Reset)

Admins can get the device to perform a restore to default factory settings.

- To erase all data:
- Tap Erase all data.

Erase all data		
Erase all data (factory reset)		
	CANCEL	ОК

4.10 ADB

Admins can get logs using UUID over ADB shell.



Note: To use this method of getting new logs, Android Debug Bridge (ADB), a command-line utility included with Google's Android SDK, must be installed on your PC.

4.11 SSH

Admins can activate a recording using AudioCodes' SSH protocol based Android Device Utility. See <u>here</u> for more information.

4.12 Screen Capture

Admins can grab a screen capture using AudioCodes' SSH protocol based Android Device Utility. See <u>here</u> for more information.

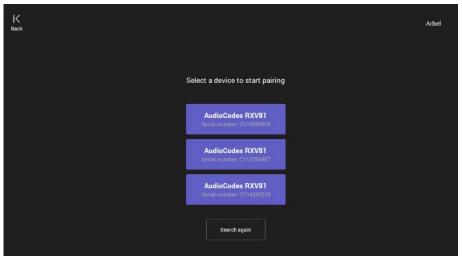
4.13 Remote Packet Capture

Admins can capture traffic using 'rpcapd' network sniffer application. The 'rpcapd' (Remote Packet Capture) network sniffer application allows the admin to analyze and debug Android traffic on their desktop PC using the app's integral SSH server. SSH is by default disabled and can be enabled with admin permission in the device screen.

4.14 Enabling Advanced Meeting Functions

To enable advanced meeting functions:

1. Click the **Device Pairing** option in 'Teams Admin Settings' menu and select your device (to pair it at the Teams level):

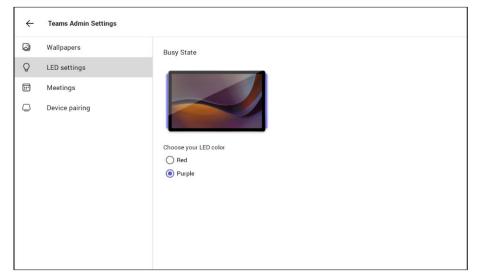


2. Click the Wallpapers option to select a wallpaper of your choice.



←	Teams Admin Settings	
	Wallpapers	Background
Q	LED settings	
	Meetings	
	Device pairing	
		Choose your image

3. Click the LED settings option to select the LED color indicating busy state.



4. Click the **Meetings** option to define advanced meeting check-in functions.

←	Teams Admin Settings		
	Wallpapers	Check in	
Q	LED settings	Send check-in notification	_
	Meetings	At the meeting start time, the room display will show a pop-up to notify that someone has checked in. Make sure this device is paired with the room display.	
	Device pairing	Release room if no one checks in The room will decline the meeting invite if 10 minutes pass without someone checking in.	
		Release after. 10 minutes	-
		Meetings	
		Meetings Show meeting names	
		Show meeting names	
		Show meeting names Max room occupancy notification	9.8.9.8

45



This page is intentionally left blank.

International Headquarters

6 Ofra Haza Naimi Park Or Yehuda, 6032303, Israel Tel: +972-3-976-4000 Fax: +972-3-976-4040

AudioCodes Inc.

80 Kingsbridge Rd., Piscataway, NJ 08854, USA Tel: +1-732-469-0880 Fax: +1-732-469-2298

Contact us: https://www.audiocodes.com/corporate/offices-worldwide Website: https://www.audiocodes.com/

©2024 AudioCodes Ltd. All rights reserved. AudioCodes, AC, HD VoIP, HD VoIP Sounds Better, IPmedia, Mediant, MediaPack, What's Inside Matters, OSN, SmartTAP, User Management Pack, VMAS, VoIPerfect, VoIPerfectHD, Your Gateway To VoIP, 3GX, VocaNom and AudioCodes One Voice are trademarks or registered trademarks of AudioCodes Limited. All other products or trademarks are property of their respective owners. Product specifications are subject to change without notice.

Document #: LTRT-18294

