



Dolby Conference Phone Version 4.5

Configuration Guide for RingCentral

29 January 2020

Notices

Copyright

© 2020 Dolby Laboratories. All rights reserved.

Dolby Laboratories, Inc.

1275 Market Street
San Francisco, CA 94103-1410 USA
Telephone 415-558-0200
Fax 415-645-4000
<http://www.dolby.com>

Trademarks

Dolby and the double-D symbol are registered trademarks of Dolby Laboratories.

The following are trademarks of Dolby Laboratories:

Dialogue Intelligence™	Dolby Theatre®
Dolby®	Dolby Vision™
Dolby Advanced Audio™	Dolby Voice®
Dolby Atmos®	Feel Every Dimension™
Dolby Audio™	Feel Every Dimension in Dolby™
Dolby Cinema™	Feel Every Dimension in Dolby Atmos™
Dolby Digital Plus™	MLP Lossless™
Dolby Digital Plus Advanced Audio™	Pro Logic®
Dolby Digital Plus Home Theater™	Surround EX™
Dolby Home Theater®	

All other trademarks remain the property of their respective owners.

Patents

THIS PRODUCT MAY BE PROTECTED BY PATENTS AND PENDING PATENT APPLICATIONS IN THE UNITED STATES AND ELSEWHERE. FOR MORE INFORMATION, INCLUDING A SPECIFIC LIST OF PATENTS PROTECTING THIS PRODUCT, PLEASE VISIT <http://www.dolby.com/patents>.

Contents

1 Introduction.....	5
1.1 About this guide.....	6
1.2 New in this version.....	6
1.3 Related documentation.....	6
1.4 Documentation feedback.....	6
2 Configuration procedures.....	7
2.1 Opening the phone web interface.....	8
2.2 Setting RingCentral configuration parameters.....	8
2.3 Setting the phone display name.....	11
Glossary.....	12

1

Introduction

Deploying the Dolby Conference Phone with RingCentral is a multi-step process. This guide provides an overview of the process.

- [About this guide](#)
- [New in this version](#)
- [Related documentation](#)
- [Documentation feedback](#)

1.1 About this guide

This document provides instructions for configuring Dolby Conference Phone to work with the RingCentral platform.

Before you begin deployment, make sure that you have copies of the related documentation. You may need to refer to other documents for more information and specific instructions.

1.2 New in this version

Dolby Conference Phone software (version 4.5) does not include any updates to this document.

1.3 Related documentation

Review all of the Dolby Conference Phone documentation to ensure that the phone is set up correctly so that you have the best conferencing experience possible.

These documents are available:

- *Dolby Conference Phone Administrator's Guide*

This guide explains how to set up and provision the Dolby Conference Phone.

- *Dolby Conference Phone Quick Start Guide*

This guide describes the contents of the phone package, how to assemble the phone, and how to connect the phone to the network. The quick start guide is included in the phone package. It is also available from the Dolby Conference Phone support pages.

- *Dolby Conference Phone Third-Party Software Guide*

This guide describes the open source software used in the Dolby Conference Phone software.

- *Dolby Satellite Microphone Quick Start Guide*

This guide describes the contents of the microphone package and how to connect them to the Dolby Conference Phone. The quick start guide is included in the microphone package. It is also available from the Dolby Conference Phone support pages.

1.4 Documentation feedback

If you have comments or feedback about this documentation, send us an email at dolbyvoicedocs@dolby.com.

2

Configuration procedures

After you configure the Dolby Conference Phone network settings and options, you can activate the phone with RingCentral.

- [Opening the phone web interface](#)
- [Setting RingCentral configuration parameters](#)
- [Setting the phone display name](#)

2.1 Opening the phone web interface

Enter the phone IP address in your web browser to open the phone web interface.

Prerequisites

You must have a network-connected desktop or laptop computer with a web browser supporting HTML5 installed. (Modern versions of Internet Explorer, Firefox, Chrome, and Safari are supported.)

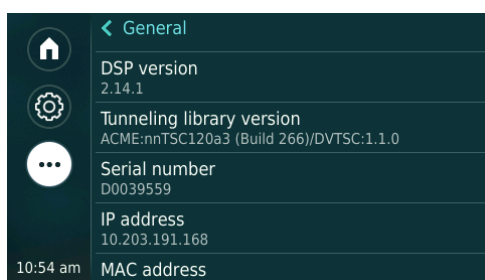
The web browser will be used to configure the phone, so it must have IP network connectivity to the Dolby Conference Phone.

Procedure

1. From the phone home screen, tap this sequence:



2. Scroll down until you see the IP address.



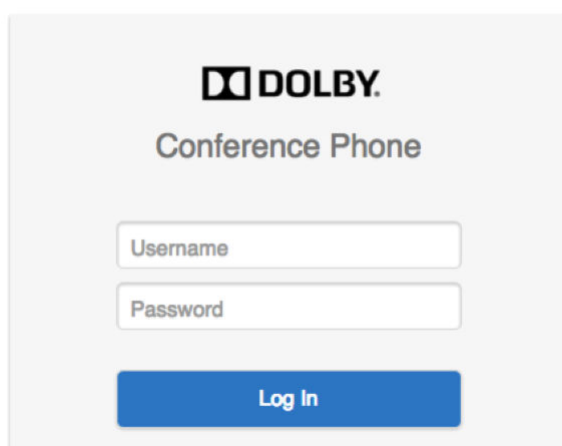
3. Enter this URL in the browser address bar.

If a security warning displays, accept the warning and proceed.

`https://your-phone-IP-address`

4. Log in to the Dolby Conference Phone using the default credentials:

- **Username** = *admin*
- **Password** = *1739*




2.2 Setting RingCentral configuration parameters

The phone does not connect to RingCentral by default. You must configure the phone to automatically connect to RingCentral.

Using the Dolby Conference Phone web interface, navigate to **Settings > IP PBX Settings**.

Table 1: Dolby Conference Phone IP PBX configuration mapping for RingCentral

Dolby Conference Phone IP PBX setting	RingCentral setting
Account > Extension Number/Address	User Name
Server > SIP Domain Name	SIP Domain (server)
Server > Primary Call Server/Outbound Proxy	Outbound Proxy (server)
Server > Primary Call Server/Outbound Proxy Port	Outbound Proxy (port)
Credential > User Credential Name	Authorization ID
Credential > User Credential Password	Password

 **Note:** The RingCentral SIP Domain and Outbound Proxy values consist of the respective server and port separated by a colon. For example, SIP Domain: <SIP Domain (server)>:<SIP Domain (port)> and Outbound Proxy: <Outbound Proxy (server)>:<Outbound Proxy (port)>.

- **IP PBX Settings**

- **Account**

Display Name	<input type="text"/>
Extension Number/Address	<input type="text" value="3101"/>
Display Number	<input type="text"/>
Transport Type	AUTO ▼
Secure Media	Mandatory ▼
Local Listen Port	<input type="text" value="5060"/> <input type="range" value="5060"/>

- **Server**

SIP Domain Name	<input type="text"/>
Primary Call Server/Outbound Proxy	<input type="text"/>
Primary Server/Outbound Proxy Port	<input type="text" value="5060"/> <input type="range" value="5060"/>
Secondary Call Server/Outbound Proxy	<input type="text"/>
Secondary Server/Outbound Proxy Port	<input type="text" value="5060"/> <input type="range" value="5060"/>
SIP URI Scheme	On <input type="checkbox"/>
Only Accept Call Server SIP Events	On <input type="checkbox"/>
Call Failover Mode	Active Server ▼
SIP Registration Timeout/Failover Timeout (seconds)	<input type="text" value="32"/> <input type="range" value="32"/>
Call Failover Timeout (seconds)	<input type="text" value="4"/> <input type="range" value="4"/>
PBX Codec List	<input type="text" value="G711A,G729A,G729"/>
In-Band DTMF	<input type="checkbox"/> Off
Enable SIP URI Dialing	On <input type="checkbox"/>
URI Dialing Proxy server	<input type="text"/>
Enable TLS Entire Domain Match	On <input type="checkbox"/>

- **Credential**

User Credential Name	<input type="text"/>
User Credential Password	<input type="password"/>
Server Realm	<input type="text"/>

2.3 Setting the phone display name

The display name on the phone will appear in the conference roster when the phone joins conference calls, so this should be configured to a meaningful name.

Procedure

Use one of these procedures to set the display name of the phone:

- From the Dolby Conferencing Console software:
 - a) From Dolby Conferencing Console, select a device, and then click the **Edit device configuration** button.



- b) From **IP PBX > Account**, drag **Display name** to the device configuration.
 - c) In the `Sip.Account.DisplayName` field, type a device name.
- From the phone web interface:
 - a) Click the **+** to open the **IP PBX Settings > Account** section.
 - b) In the **Display Name** field, enter the device name.

The screenshot shows the 'IP PBX Settings' web interface. The 'Account' section is expanded, displaying several configuration fields:

Account	
Display Name	<input type="text"/>
Extension Number/Address	<input type="text"/>
Display Number	<input type="text"/>
Transport Type	AUTO <input type="checkbox"/>
Secure Media	Mandatory <input type="checkbox"/>
Transport Port	5060 <input type="range"/>

Glossary

HTTP

Hypertext Transfer Protocol. An application protocol for hypermedia information systems, and the foundation for data communication for the World Wide Web.

HTTPS

Hypertext Transfer Protocol Secure. An application protocol for secure communication over a network and the Internet that provides authentication of websites and keeps user information private.

IP

Internet Protocol.

IP address

Internet Protocol address. A numerical identifier assigned to a device that is a member of a network that uses the IP for communication.

PBX

Private branch exchange. A phone system that is delivered as a hosted service.

PoE

Power over Ethernet. A solution in which an electrical current is run to networking hardware over Ethernet category 5 or higher data cabling.

RTP

Real-time Transport Protocol. An IP network audio and video protocol.

SIP

Session Initiation Protocol. An application-layer communications protocol used for signaling and controlling communications sessions.

TCP/IP

Transmission Control Protocol/Internet Protocol. Communications protocols that specify how data should be formatted, addressed, transmitted, routed, and received at the destination. Part of the Internet protocols communications suite.

Dolby Laboratories, Inc. 1275 Market Street, San Francisco, CA 94103-1410 USA. © Dolby Laboratories. All rights reserved. Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. All other trademarks remain the property of their respective owners.

