

DSX

Algo 8028
SIP Doorphone Manual
P/N 1093100ALGO

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This manual has been developed by NEC Corporation of America. It is intended for the use of its customers and service personnel, and should be read in its entirety before attempting to install or program the system. Any comments or suggestions for improving this manual would be appreciated. Forward your remarks to:

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Contents

Chapter 1: Algo 8028 SIP Doorphone.....	5
Description.....	6
Door Box, Algo 8028 SIP Doorphone.....	6
Programming.....	11
Programming the Algo 8028 SIP Doorphone.....	11
Operation.....	17
Door Box, Algo 8028 SIP Doorphone.....	17
Chapter 2: Program 1000.....	19
Configuration.....	20
1114: Door Chimes.....	20
Timers.....	22
1605: Control Timers.....	22
VoIP Profile.....	23
1815: DTMF.....	23
Chapter 3: Program 2000.....	25
Configuration.....	26
2101: Station Type.....	26
2106: VoIP.....	28
2113: Groups.....	28
Department Groups.....	30
2301: Group Identification.....	30

Chapter

1

Algo 8028 SIP Doorphone

Description

Door Box, Algo 8028 SIP Doorphone

Use the Algo 8028 SIP Doorphone when a SIP Door Box is the right solution for monitoring an entrance door.

Requires software version 3.43 or higher.

Description

The Algo 8028 SIP Doorphone is a SIP-based Door Box used to monitor an entrance door and is an alternative to the traditional analog DSX Door Box (P/N 922450). The 8028 consists of a Door Station (Door Box), a Control Unit, and a Power Supply. Just as with the analog DSX Door Box, a visitor at the door presses the doorphone call button (like a door bell) to send chime tones or ringing to all extensions programmed to receive them. To answer the chime or ringing, the called DSX extension user just lifts the handset. This lets the extension user talk to the visitor at the doorphone. The doorphone is convenient to have at a delivery entrance, for example. Company personnel don't have to monitor the delivery entrance; they just answer the doorphone instead.

The Algo 8028 SIP Doorphone installs as a VoIP extension programmed as a Door Box. It requires the installation of a VoIP Daughter Board (VOIPDB). The VOIPDB (P/N 1091044) provides 8 maximum VoIP gateway ports on DSX-40; 16 maximum on DSX-80/160. Available gateway ports may be restricted by licensing.



Note: The *8028 SIP Doorphone Installation and User Guide* is an important companion document to the doorphone. Be sure you have read this manual before attempting to install the doorphone on DSX.

8028 SIP Doorphone Relays

The 8028 Control Unit offers a flexible relay configuration for controlling an auxiliary device such as an electric door strike. Any keyset extension that receives doorphone chimes or ringing can operate an 8028 Control Unit relay. Relay features include:

- *Fail Locked (Fail Secure)* electric door strike control. These types of strikes remain locked during a power failure.
- *Fail Unlocked (Fail Safe)* electric door strike control. These strikes are unlocked during a power failure.
- *Dry or wet relay contact applications.*

In a dry application, relay contacts are unpowered and only provide contact closure to the connected device.

In a wet application, relay contacts are powered by the built-in 24 VDC/300mA auxiliary power supply or by a customer-provided auxiliary supply. In these applications, it is required that current flow through the contacts to the connected device for proper operation.

The maximum capacity of the 8028 Control Unit relays is 1A@30 VDC.

- *Push to activate with timed deactivation.* A keyset user presses a soft key to activate the relay, and the relay automatically deactivates after a programmed interval.
- *Push to activate with push to deactivate operation.* A keyset user presses a soft key to activate the relay, and then presses another soft key to deactivate it.

The equipment you connect to a control relay must be compatible with the applications and relay specifications stated in the *8028 SIP Doorphone Installation and User Guide*.

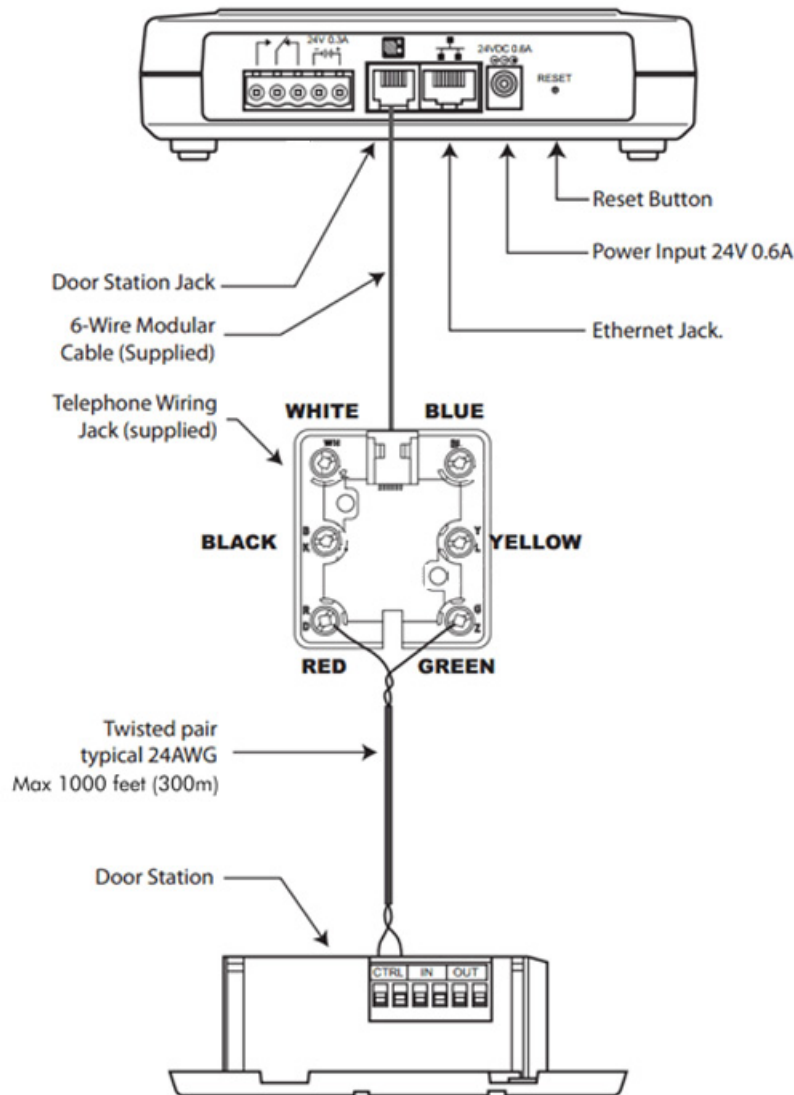
8028 SIP Doorphone Alerts

The DSX system uses Ring Groups to control doorphone alerts. When a visitor at the door presses the doorphone call button, the doorphone will alert (chime or ring) all the extensions in the Ring Group to which the doorphone belongs. For example, if doorphone 402 and extensions 301 and 302 are in Ring Group 1, pressing the call button alerts 301 and 302.

If the DSX keyset being chimed or rang has a backlit display, the backlight will turn on when the chime begins. During the chime, the keyset display will show: **Chime from xxx** (xxx = the doorphone extension number or name) to indicate which doorphone is calling. If the chime or ring is unanswered, the backlight will remain on for the [1605-06: Door Alert Timer \[System: Timers: Features: Control \(1605\): Door Alerting\]](#) on page 22 Door Alert interval. See *Programming for this Feature* for more on the Door Alert interval.

8028 SIP Doorphone Connections

Basic Connections



Using the diagram above and your *8028 SIP Doorphone Installation and User Guide* as references, connect the doorphone as follows:

1. Using a suitable length of 24AWG twisted pair cable, connect the red and green terminals on the supplied modular jack to the CTRL terminals on the Door Station. Polarity doesn't matter.
2. Using the supplied 6-Wire Modular Cable, connect the station jack on the modular jack to the station jack on the 8028 Control Unit.
3. Connect the Control Unit to the DSX LAN.
 - Connect one end of a CAT5 Ethernet cable to an available switch port on the DSX LAN.
 - Connect the other end of cable to the Ethernet jack on the 8028 Control Unit.
4. Plug the power supply input cable into the power input jack on the back of the Control Unit.
5. Plug the power supply power cord into a suitable 120VAC receptacle.

Verify the 8028 Control Unit Front Panel LEDs

After about 30 seconds, verify the Control Unit front panel LEDs. The LEDs will be different after you program the doorphone and the DSX.



Power: On steady then blinks off briefly every 2 seconds.



Telephone: Off.



Door Station: On steady.



Lock: Off

Get the 8028 Control Unit IP Address

You must have the 8028 Control Unit IP address in order to program the unit. If the 8028 Control Unit was at default when you plugged it in, you can have the unit speak the IP address (obtained via DHCP from the DSX LAN) by pressing the doorphone call button. If not, you can do one of the following:

- Default the 8028 Control Unit following the instructions in the *8028 SIP Doorphone Installation and User Guide*.
- Download the 8028 Locator Tool from <http://www.algosolutions.com/8028locator>. It will scan your LAN and identify each 8028 Control Unit installed.
- Review the site's router log. To help with identification, the MAC address for the 8028 Control Unit is printed on a label affixed to the bottom of the unit.

Conditions and Defaults

Conditions

- None

Default Setting

- No SIP doorphones are enabled in programming.

Other Related Features

Features

- Call Coverage Keys
 - Set up a Call Coverage key for the doorphone Ring Group to monitor Ring Group Ringing from the doorphone. This allows extensions that are not members of the Ring Group to answer ringing doorphone calls. After answering, extensions with Call Coverage keys to the doorphone Ring Group can also activate the relay. Call Coverage keys do not work with doorphone chimes.
- Call Forwarding
 - An extension user cannot forward a call to a doorphone.
- Hotline
 - Set up a Hotline key for the doorphone extension number to (1) call the doorphone and (2) provide a doorphone BLF. The Hotline key cannot answer doorphone calls.
- Message Waiting
 - An extension user cannot leave a Message Waiting at a doorphone.

- Paging
 - Door Box chimes 1-3 can broadcast over the External Paging speakers. An extension user can press **INTERCOM** and dial * 0 to answer the chimes and use their soft keys to control the associated relay.
- Single Line Telephones
 - Single line telephones can only receive Door Chime type 0 (normal ring). While connected to the doorphone, an SLT can hookflash to control the 8028 Control Unit relay.
- Transfer
 - An extension user cannot Transfer a call to a doorphone.

IntraMail Features

- None.

Programming

Programming the Algo 8028 SIP Doorphone

Algo 8028 Startup Programming

1. Open the Algo 8028 SIP Doorphone Control Panel in a web browser.

1. In the browser address line, enter the IP Address of the 8028 Control Unit you obtained during initial setup. See [Get the 8028 Control Unit IP Address](#) on page 9 for more. You'll see the Control Panel opening screen:

ALGO 8028 SIP Doorphone Control Panel Firmware: 2.2

Welcome to the Algo 8028 SIP Doorphone Control Panel

Setting up your SIP Doorphone:

Step 1: Configure your SIP Doorphone
Log in with the default password and use the Basic Settings pages to set up the basic information.

Step 2: Check network settings (Optional)
Use the Network page under the Advanced Settings tab to change network settings. The default setting for the device is to obtain its IP address from a DHCP server. Contact your Network System administrator if you plan to assign a static IP address, Mask, and Gateway to the device.

Step 3: Secure your SIP Doorphone (Optional)
Use the Admin page under the Advanced Settings tab to change the administrator password.
⚠️ Changing the password is extremely important if the device is directly connected to a public network.

Step 4: Register your SIP Doorphone (Optional)
Please register your product using the link below:
<http://www.algosolutions.com/8028reg>
Registration ensures your access to the latest upgrades to this product and important service notices.

Login

Password (default: algo)

Status

Device Name	doorphone
Extension	402
SIP Registration	Successful
Call Status	Idle
Provisioning Status	None Found
Door Relay	Closed
MAC	00:22:EE:03:04:4D
IP	192.168.40.179
Netmask	255.255.255.0

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2. Enter the password (default is *algo*) and click **Login**. You'll see the *Basic Settings: SIP* screen:

ALGO 8028 SIP Doorphone Control Panel Firmware: 2.2

Status Basic Settings Advanced Settings System Logout

SIP Audio Door Relay

SIP Settings

Here you can configure the basic SIP settings.

SIP

SIP Domain (Proxy Server)
ⓘ Default port is 5060. To specify a different port, enter PROXY:PORT, e.g. my_proxy.com:5070, or 192.168.1.10:5080.

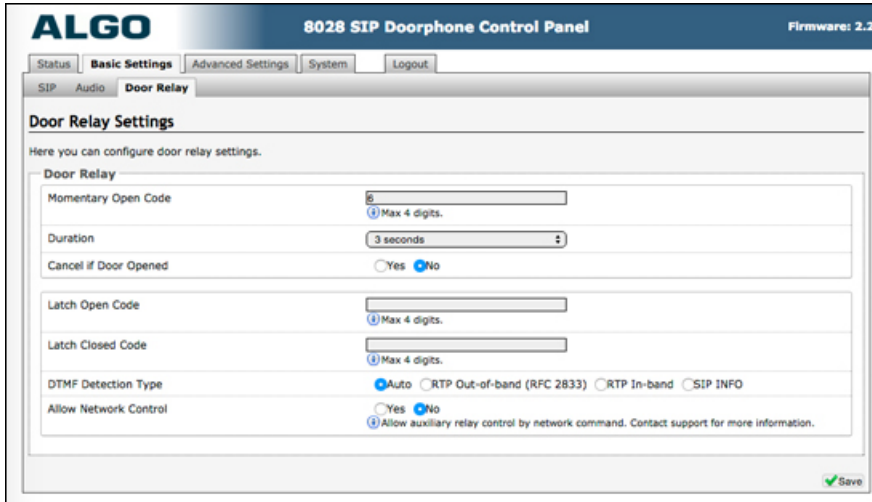
Extension

Authentication ID

Authentication Password ⓘ

Dialing Extension
ⓘ Phone number to be dialed when the call button on the door station is pressed.

3. Enter the following in the *SIP* screen and click **Save** when you are done:
 - a) *SIP Domain*: The IP address of the DSX.
 - b) *Extension*: The IP extension number of the doorphone (e.g., 401).
 - c) *Authentication ID*: Same as above (the IP extension number of the doorphone).
 - d) *Authentication Password*: The password for the IP extension number as entered in the DSX. See [2106-02: Password \[Stations: Config: Setup: VoIP: Password\]](#) on page 28 for more.
 - e) *Dialing Extension*: 301 (This required entry can be any extension since the entry is ignored by the DSX.)
4. Click *Basic Settings: Door Relay* to access the *Door Relay* screen. You see::



5. Make a note of the following entries on this screen. You may have to return to it later on.
 - a) *Momentary Open Code* (6 by default)
 - b) *Latch Open Code* (no default entry)
 - c) *Latch Closed Code* (no default entry)
6. Click **Logout** to log out of the *Control Panel* and return to the opening screen.

2. In DSX programming, set the circuit type, password, and DTMF Type for the doorphone IP extension.

1. [2101-01: Station Type \[Stations: Config: Setup: Type \(2101\): Type\]](#) on page 26
2. [2106-02: Password \[Stations: Config: Setup: VoIP: Password\]](#) on page 28

The doorphone circuit type is 10, the same as the traditional analog doorbox.

Enter the same password you entered above in the Algo *Authentication Password* option.

Option	Description
Password	Extension password, up to 24 characters.
-	See the Name Programming Chart for more.

3. [1815-01: DTMF Type \[System: VoIP: Profile \(1-4\): Payload Types \(1815\): DTMF Type\]](#) on page 23

With the default DTMF Type (RFC 2833), there is a short burst of muted DTMF when the user presses the **Open** and **Close** soft keys. If this is objectionable, change the DTMF Type to *SIP INFO*.

Option	Description
00	Relay (RFC 2833) [Default]
01	Inband
02	SIP (SIP INFO)

4. Verify the Algo 8028 Control Unit LEDs



Power: On steady then blinks off briefly every 2 seconds.



Telephone: On steady then blinks off briefly every 2 seconds.



Door Station: On steady.



Lock: Off

3. In DSX programming, use Ring Groups to set which extensions ring for calls from the doorphone.

1. [2113-02: Department Group \[Stations: Config: Options: Groups \(2113\): Department Group\]](#) on page 28

Put the doorphone extension *and* the extensions that should receive chimes into the *same* Department Group.

Option	Description
0	[Default] No Department Group assigned.
1-30	Department Groups 1-30

2. [2301-03: Department Group Type \[Stations: Department Groups: Setup: Identification \(2301\): Group Type\]](#) on page 30

Be sure the Department Group you selected above is set up as a Ring Group.

Option	Description
0	None
1	[Default] Ring Group
2	UCD Group

4. In DSX Programming, set the chime pattern for each doorphone.

1. [2101-04: Door Chime Selection \[Stations: Config: Setup: Type \(2101\): Door Chime\]](#) on page 26

Set the chime pattern for the doorphone extension.

Option	Description
0	[Default] Normal Ring Group ringing.
1	Low pitch chime pattern.
2	Mid range pitch chime pattern.
3	High pitch chime pattern.

2. [1605-06: Door Alert Timer \[System: Timers: Features: Control \(1605\): Door Alerting\]](#) on page 22

Set the length of time the doorphone will remain active after a visitor at the door presses the doorphone *Call* button.

Option	Description
0-9999	Door Alert Time (in seconds). [Default] 30.

3. Optionally set up Door Box Distinctive Ringing.

- [1114-01: Chime 1 Tone \[System: Config: Tones: Door Chimes \(1114\): Chime 1 Tone\]](#) on page 20
- [1114-01: Chime 2 Tone \[System: Config: Tones: Door Chimes \(1114\): Chime 2 Tone\]](#) on page 20
- [1114-01: Chime 3 Tone \[System: Config: Tones: Door Chimes \(1114\): Chime 3 Tone\]](#) on page 20

To make it easier for users to determine which doorphone is ringing, each of the standard Door Box chimes can be set to ring one, two, or three times.

Option	Description
Single	Chime rings once.
Double	Chime rings twice.
Triple	Chime rings three times.

4. More on Chime 0 Operation:

- Chime 0 rings for the [1605-06: Door Alert Timer \[System: Timers: Features: Control \(1605\): Door Alerting\]](#) on page 22 interval and then cancels.
- An extension user can answer the doorphone call any time while it is ringing.
- The doorphone user can press the call button again any time after ringing stops, or if an extension user answers their call and then hangs up.
- The doorphone user cannot hang up (disconnect) their call.

5. More on Chime 1-3 Operation:

- Chimes 1-3 ring for the [1605-06: Door Alert Timer \[System: Timers: Features: Control \(1605\): Door Alerting\]](#) on page 22 interval and then stop.
- An extension user can answer the Door Box any time during the chimes.
- The Door Box user can press the call button again any time after the chime stops, or if an extension user answers their call and then hangs up.
- The Door Box user cannot hang up (disconnect) their call.

Setting up the Doorphone Relays

1. Review the relay operation options.

- Review the Algo Control Panel *Basic Settings: Door Relay* options.

DSX can send DTMF tones to the Algo doorphone to control the 8028 Control Unit relay. The relay can operate with:

- *Timed Activation*, where the DSX user presses a soft key to activate the relay and the relay automatically deactivates after a preset interval.
- *Push to Activate and Deactivate*, where DSX soft keys control the activating and deactivating of the relay.

2. Go to Option 1 or Option 2 below to set the relay operating mode.

Option 1. Set up the Algo 8028 for *Timed Activation* relay mode.

1. In the Algo 8028 Control Panel, go to *Basic Settings: Door Relay: Door Relay Settings*.

- Enter a valid DTMF digit for *Momentary Open Code* The Algo 8028 default is 6.
- Check the *Duration* setting for compatibility with your application.

2. 2101-06: Door Control [Stations: Config: Setup: Type (2101): Door Control] on page 27

Set the *Door Control* to 3 (Dial Code).

Option	Description
0	[Default] None.
1	CPU Relay 1 (DSX40-1)
2	CPU Relay 2 (DSX40-2)
3	Dial Code

3. 2101-07: Open Code [Stations: Config: Setup: Type (2101): Open Code] on page 27

Enter the same DTMF digit you entered in the Algo 8028 for *Momentary Open Code*.

Option	Description
0-9, # and *	DTMF digit. [Default] no entry.

4. 2101-08: Close Code [Stations: Config: Setup: Type (2101): Close Code] on page 28

Leave this entry blank.

Option	Description
0-9, # and *	DTMF digit. [Default] no entry.

Option 2. Set up the Algo 8028 for *Push to Activate/Deactivate* relay mode.

1. In the Algo 8028 Control Panel, go to *Basic Settings: Door Relay: Door Relay Settings*.

- Enter a valid unique DTMF digit for *Latch Open Code* (e.g., 5).
- Enter a valid unique DTMF digit for *Latch Closed Code* (e.g., 4).

2. 2101-07: Open Code [Stations: Config: Setup: Type (2101): Open Code] on page 27

Enter the same DTMF digit you entered in the Algo 8028 for *Latch Open Code* (e.g., 5).

Option	Description
0-9, # and *	DTMF digit. [Default] no entry.

3. 2101-08: Close Code [Stations: Config: Setup: Type (2101): Close Code] on page 28

Enter the same DTMF digit you entered in the Algo 8028 for *Latch Closed Code* (e.g., 4).

Option	Description
0-9, # and *	DTMF digit. [Default] no entry.

Operation

Door Box, Algo 8028 SIP Doorphone

Calling to and from the Doorphone

To place a call *from* the Doorphone:

1. Press the Doorphone call button.
2. When someone inside the building answers your call, speak toward the Doorphone.
 - a) Once you press the call button, you can not control the call. You must wait for someone to answer.

To place a call *to* the Doorphone:

1. Lift handset and press **INTERCOM**.
2. Dial the Doorphone extension number.
 - a) You hear two beeps, then conversation with the visitor at the door.

To answer Doorphone chimes or ringing:

1. Lift the handset.
2. Talk to the visitor at the door.

Remotely Controlling the Door

To activate the relay in the Doorphone (which in turn controls the door strike):

1. Place or answer a Doorphone call.
 2. Do one of the following:
 - a) Push **Open** to open the door (if closed).
 - b) If the relay does not deactivate automatically, push **Close**.
-
-

Chapter

2

Program 1000

Configuration

1114: Door Chimes

1114-01: Chime 1 Tone [System: > Config: > Tones: > Door Chimes (1114): > Chime 1 Tone]

Available in software versions 3.43 and higher.

To make it easier for users to determine which Door Box is ringing, program chime 1 to ring one, two, or three times.

Features Related to this Program

Telephone Features

- [Door Box](#)
- [Door Box, Algo 8028 SIP Doorphone](#) on page 6

IntraMail Features

- None

Program Options

Single	Single chime 1 sound
Double	Double chime 1 sound
Triple	[Default] Triple chime 1 sound

1114-01: Chime 2 Tone [System: > Config: > Tones: > Door Chimes (1114): > Chime 2 Tone]

Available in software versions 3.43 and higher.

To make it easier for users to determine which Door Box is ringing, program chime 2 to ring one, two, or three times.

Features Related to this Program

Telephone Features

- [Door Box](#)
- [Door Box, Algo 8028 SIP Doorphone](#) on page 6

IntraMail Features

- None

Program Options

Single	Single chime 2 sound
Double	Double chime 2 sound
Triple	[Default] Triple chime 2 sound

1114-01: Chime 3 Tone [System: > Config: > Tones: > Door Chimes (1114): > Chime 3 Tone]

Available in software versions 3.43 and higher.

To make it easier for users to determine which Door Box is ringing, program chime 3 to ring one, two, or three times.

Features Related to this Program

Telephone Features

- [Door Box](#)
- [Door Box, Algo 8028 SIP Doorphone](#) on page 6

IntraMail Features

- None

Program Options

Single	Single chime 3 sound
Double	Double chime 3 sound
Triple	[Default] Triple chime 3 sound

Timers

1605: Control Timers

1605-06: Door Alert Timer [System: > Timers: > Features: > Control (1605): > Door Alerting]

Available in software versions 3.43 and higher.

The Door Alerting Timer is the length of time a Door Box will remain active after a visitor at the door presses the Call button (1-9999 seconds). An extension receiving the Door Box chime or ring can lift the handset anytime during the Door Alert Time to connect to the Door Box.

Features Related to this Program

Telephone Features

- [Door Box](#)
- [Door Box, Algo 8028 SIP Doorphone](#) on page 6

IntraMail Features

- None

Program Options

0-9999	Door Box Alert Time (seconds). [Default] = 30.
--------	--

VoIP Profile

1815: DTMF

1815-01: DTMF Type [System: > VoIP: > Profile (1-4): > Payload Types (1815): > DTMF Type]

DTMF Type sets the delivery method for DTMF for all SIP devices using the profile. There are three options:

- *Relay (RFC 2833)*: DTMF is relayed out-of-band (i.e., outside the audio stream) inside specially marked events in RTP packets. The packet contains details on the tone type, the tone gain, and the tone duration.
- *In-band*: DTMF tones are delivered within the audio stream.
- *SIP Info*: DTMF is relayed out-of-band using the SIP protocol (SIP INFO packets) and is independent of RTP or the audio stream.

Features Related to this Program

Telephone Features

- [Door Box, Algo 8028 SIP Doorphone](#) on page 6
- [VoIP Extensions](#)

IntraMail Features

- None.

Program Options

00	[Default] Relay (RFC 2833)
01	Inband
02	SIP (SIP INFO)

Chapter
3

Program 2000

Configuration

2101: Station Type

2101-01: Station Type [Stations: > Config: > Setup: > Type (2101): > Type]

Use this option to assign circuit type to station devices. All circuit types should auto-ID when the station device is plugged in.

Features Related to this Program

Telephone Features

- [Direct Station Selection \(DSS\) Console](#)
- [Door Box, Algo 8028 SIP Doorphone](#) on page 6
- [Station Key Telephones](#)

IntraMail Features

- None

Program Options

00	Undefined
01	DSX 22-Button
02	DSX 34-Button
03	DSX Super Display
04	DS 22 Button Non-display
06	DS 34 Button
07	DS Super Display
08	Cordless Telephone
09	Single Line Telephone
10	Analog Door Box
11	DS 2-OPX Module

Default Setting

- Telephones auto-ID when the station is plugged in.

2101-04: Door Chime Selection [Stations: > Config: > Setup: > Type (2101): > Door Chime]

If the extension is a Door Box, use this option to select the door chime type.

Features Related to this Program

Telephone Features

- [Door Box](#)
- [Door Box, Algo 8028 SIP Doorphone](#) on page 6
- [Paging](#)

IntraMail Features

- None

Program Options

0	Normal Ring Group ringing (Default)
1	Chime 1 (low pitch)
2	Chime 2 (mid range pitch)
3	Chime 3 (high pitch)

2101-06: Door Control [Stations: > Config: > Setup: > Type (2101): > Door Control]

Option renamed Door Control (from *Door Relay Assignment*) in software versions 3.43 and higher and the *Dial Code option* is added.

This option has two functions:

1. If the connected system is a DSX-40 and the extension is a Door Box, use this option to assign the Door Box relay. This is the DSX-40 built-in relay that will activate when the Door Box is answered by a DSX user who then presses the **Open** soft key.
2. If the connected device is a SIP doorphone (like the Algo 8028), use this option to enable DTMF relay control. If enabled, for example, when a keyset user answers the doorphone call and presses their **Open** soft key, DSX will send the digit specified in [2101-07: Open Code \[Stations: Config: Setup: Type \(2101\): Open Code\]](#) on page 27 to the doorphone. If the doorphone has the digit set up as an open code, the doorphone relay will activate.

Features Related to this Program

Telephone Features

- [Door Box](#)
- [Door Box, Algo 8028 SIP Doorphone](#) on page 6
- [Paging](#)

IntraMail Features

- None

Program Options

0	None [Default]
1	CPU Relay 1 (DSX40-1)
2	CPU Relay 2 (DSX40-2)
3	Dial Code

2101-07: Open Code [Stations: > Config: > Setup: > Type (2101): > Open Code]

Available in software versions 3.43 and higher.

If the extension is a doorphone with DTMF relay control (such as the Algo 8028), use this option to assign the DTMF digit that will activate the doorphone relay. When the keyset user talking to the doorphone presses the **Open** soft key, the system will send the digit specified in this option to the doorphone. If the programming in the doorphone is set up correctly, the doorphone relay will activate.

Features Related to this Program

Telephone Features

- [Door Box](#)
- [Door Box, Algo 8028 SIP Doorphone](#) on page 6
- [Paging](#)

IntraMail Features

- None

Program Options

0-9, # and *	DTMF digit. [Default] no entry.
--------------	---------------------------------

2101-08: Close Code [Stations: > Config: > Setup: > Type (2101): > Close Code]

Available in software versions 3.43 and higher.

If the extension is a doorphone with DTMF relay control (such as the Algo 8028), use this option to assign the DTMF digit that will deactivate the doorphone relay. When the keyset user talking to the doorphone presses the **Open** soft key, the system will send the digit specified in this option to the doorphone. If the programming in the doorphone is set up correctly, the doorphone relay will deactivate.

Features Related to this Program

Telephone Features

- [Door Box](#)
- [Door Box, Algo 8028 SIP Doorphone](#) on page 6
- [Paging](#)

IntraMail Features

- None

Program Options

0-9, # and *	DTMF digit. [Default] no entry.
--------------	---------------------------------

2106: VoIP

2106-02: Password [Stations: > Config: > Setup: > VoIP: > Password]

Use this option to assign a password to an extension. Currently, the option is used only with VoIP extensions.

Features Related to this Program

Telephone Features

- [Door Box, Algo 8028 SIP Doorphone](#) on page 6
- [VoIP Extensions](#)

IntraMail Features

- None.

Program Options

Password	Extension password, up to 24 characters. See for Name Programming Chart more.
-	[Default] None.

2113: Groups

2113-02: Department Group [Stations: > Config: > Options: > Groups (2113): > Department Group]

Available in software versions 3.01 and higher.

Use this option to specify to which Department Group the extension or Door Box belongs.

Features Related to this Program

Telephone Features

- Department Groups
- Extension Hunting
- Group Ring

IntraMail Features

- None.

Program Options

1-30	Department Group 1-30.
0	[Default] None.

Department Groups

2301: Group Identification

2301-03: Department Group Type [Stations: > Department Groups: > Setup: > Identification (2301): > Group Type]

Available in software versions 3.01 and higher.

Use this option to assign the Department Group type (e.g., Ring Group or UCD Group).

Features Related to this Program

Telephone Features

- Department Groups

IntraMail Features

- None

Program Options

0	None.
1	[Default] Ring Group.
2	UCD Group.

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