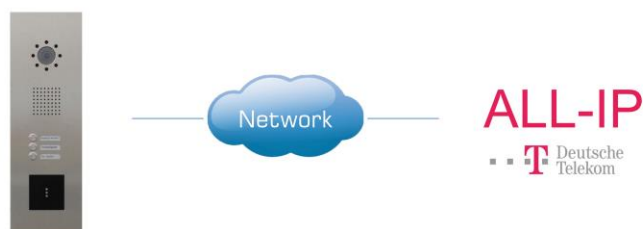


Baudisch SIP Door Station Video

ALL-IP Deutsche Telekom



ApplicationNote | Anwendungsbericht

Baudisch.SIP-Sprechstellen at Telekom ALL-IP

History:

Version	Date	Name	Change
1.0	14.10.15	Schmidt	Erstellung

Relevance:

Article-No.	Name	HW-Version	SW-Version	Notes
33-0999 33-1000 33-1384	Baudisch.SIP-Türmodul ECO / MAXI / PLUS		>= V8.2	
33-1486	Baudisch.IP-VideoDoorStation		>= V8.2	
36-0254E 36-0254M	Baudisch.SIP-Relaismodul ECO / MAXI		>= V8.2	
33-0952 33-0951	Baudisch.DoorController600 SIP ECO / PROF		>= V8.2	
33-0210	Baudisch.SIP-Sprechstelle IP54		>= V8.2	
33-0212	Baudisch.SIP-Sprechstelle IP54 Video		>= V8.2	

1. Configuration Baudisch.SIP-Doormodule

1.1. Basic setup

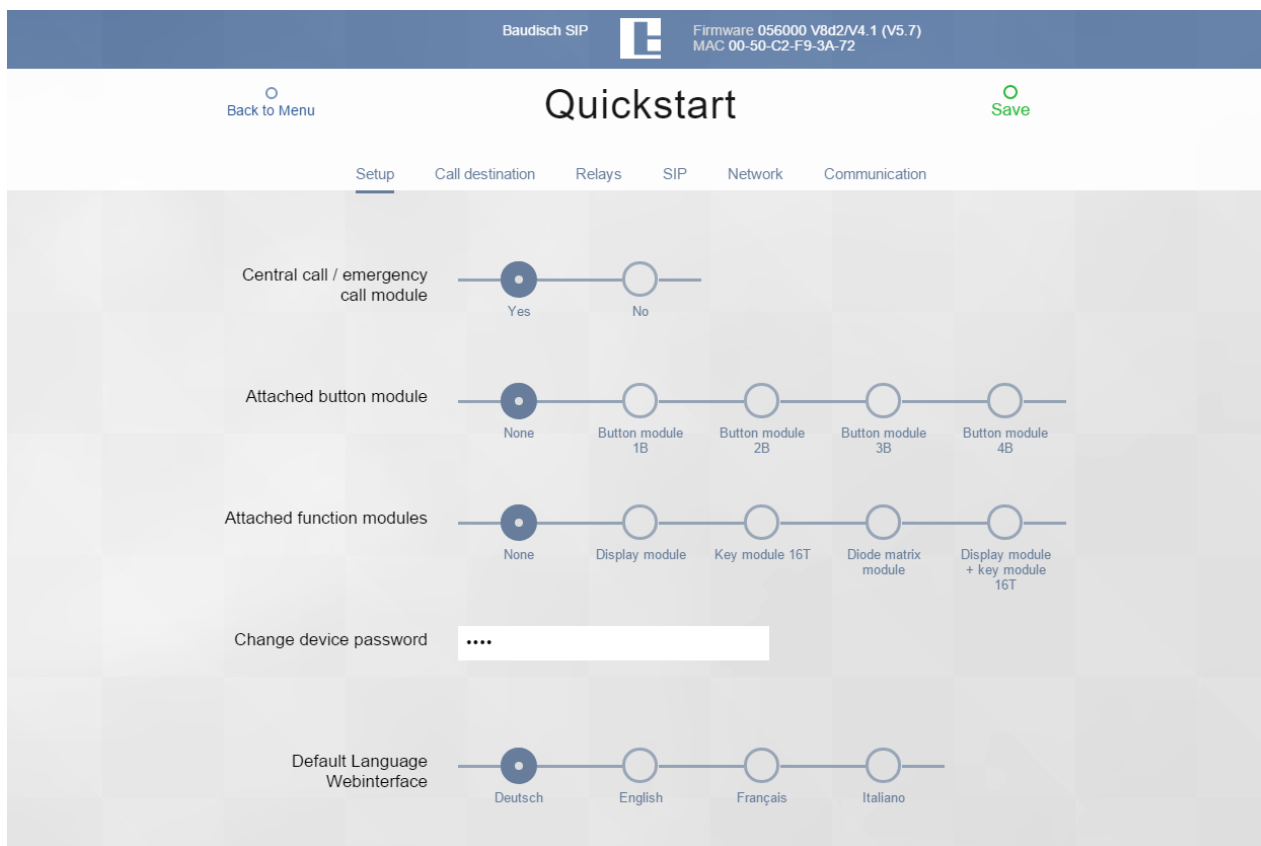
This AppNote based on the Firmware V8.2, downloadable here:


<http://www.stentofonbaudisch.com/support#firmware>

The required password is : **SIP-hightech**

In this example a central call button is connected to the Doormodule.

Open the Webinterface of the Doormodule and navigate to Quickstart -> Setup:



Baudisch SIP  Firmware 056000 V8d2/V4.1 (V5.7)
MAC 00-50-C2-F9-3A-72

Back to Menu Save

Quickstart

Setup Call destination Relays SIP Network Communication

Central call / emergency call module Yes No

Attached button module None Button module 1B Button module 2B Button module 3B Button module 4B

Attached function modules None Display module Key module 16T Diode matrix module Display module + key module 16T

Change device password

Default Language Webinterface Deutsch English Français Italiano

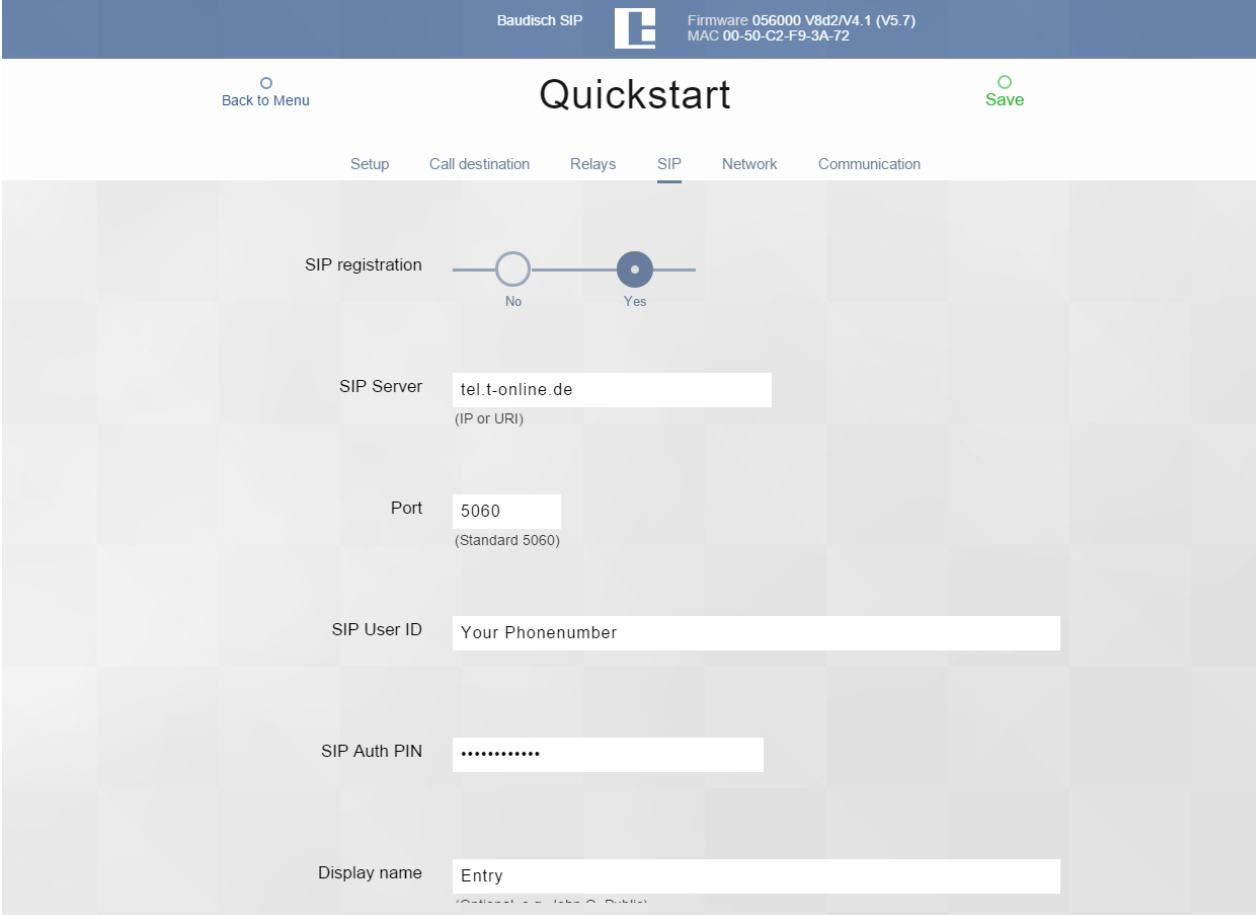
Central call / emergency call module: **Yes**


Attached button module: **None**

Attached function module: **None**

Click on **Save**.

1.2. SIP settings



Baudisch SIP  Firmware 056000 V8d2/M4.1 (V5.7)
MAC 00-50-C2-F9-3A-72

Back to Menu Save

Setup Call destination Relays **SIP** Network Communication

SIP registration No Yes

SIP Server
(IP or URI)

Port
(Standard 5060)

SIP User ID

SIP Auth PIN

Display name
(Optional: Use C-Subline)

Open the Webinterface of the Doormodule and navigate to Quickstart -> SIP:

SIP registration: **Yes**

SIP Server: **tel.t-online.de**

SIP Server Port: **5060**


SIP (User) ID: **Your Phonenumber**

SIP (Auth) PIN: **Personal Password**

Display name: **any** (e.g. Entry)

Click on **Save**.

1.3. SIP Advanced

Baudisch SIP  Firmware 056000 V8d2/V4.1 (V5.7)
MAC 00-50-C2-F9-3A-72

Back to Menu Save

Network Call destination Relays SIP SIP Advanced Communication System

Advanced Settings

DTMF Mode Inband Outband (RFC2833) SIP Info

PRACK Support (RFC3262) No Yes

DTMF Payload type
G.726-32 iLBC Speex

Required proxy feature

NAT Traversal Disabled Use STUN server Use NAT IP

STUN Server (IP / URI)

STUN Server Port

Open the Webinterface of the Doormodule and navigate to Expert configuration -> SIP Advanced:

DTMF Mode: **Inband**

NAT Traversal: **Use STUN Server**

STUN Server: **stun.t-online.de**


STUN Server Port: **3478**

SIP registration Timeout: **360**

SIP registration Keep alive interval: **360**

Click on **Save**.

1.4. Communication

Baudisch SIP  Firmware 056000 V8d2/M4.1 (V5.7)
MAC 00-50-C2-F9-3A-72

Back to Menu Save

Network Call destination Relays SIP SIP Advanced Communication System

Codecs

#1	PCMA	1	Audio frames per Tx (Default 1)
#2	G.726-32	1	Audio frames per Tx (Default 1)
#3	None	1	Audio frames per Tx (Default 1)
#4	None	1	Audio frames per Tx (Default 1)
#5	None	1	Audio frames per Tx (Default 1)

Open the Webinterface of the Doormodule and navigate to Expert configuration -> Communication:

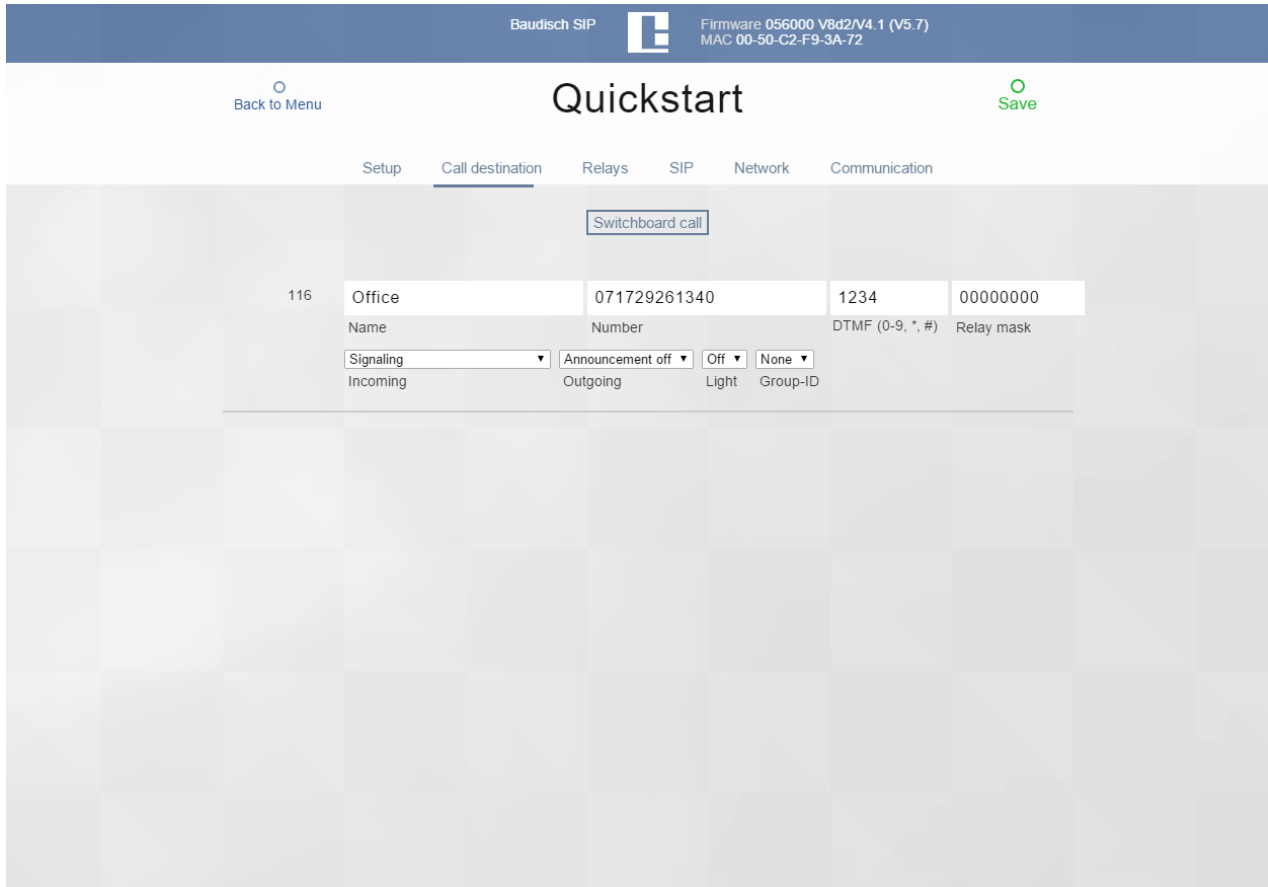
#1: **PCMA**

#2: **G726-32**

#3: **iLBC**

Click on **Save**.

1.5. Call destination



The screenshot shows the 'Quickstart' configuration page for 'Call destination'. At the top, there is a header with 'Baudisch SIP', a logo, and firmware information: 'Firmware 056000 V8d2/V4.1 (V5.7)' and 'MAC 00-50-C2-F9-3A-72'. Below the header, there are navigation tabs: 'Setup', 'Call destination', 'Relays', 'SIP', 'Network', and 'Communication'. The 'Call destination' tab is active. A 'Switchboard call' button is visible. The main configuration area shows a table with one entry:

116	Office	071729261340	1234	00000000
	Name	Number	DTMF (0-9, *, #)	Relay mask
	Signaling Incoming	Announcement off Outgoing	Off Light	None Group-ID

Open the Webinterface of the Doormodule and navigate to Quickstart -> Call destination:

Name: **Any (e.g. Office)**

Number: **Phonenumber of the destination (e.g. 071729261360)**

DTMF: **Code for door opening (any, e.g. 1234)**

Incoming: **Any (e.g. Signaling)**

Click on **Save**.