

# Support for Yealink DECT Phones

Rev 1.0 Bluestone Telecom.

## Overview

This application note is to announce beta support for the Yealink WP52 base station and WP56 DECT cordless phone. The phone is advertised as having an indoor range of 50 meters, and certainly our tests confirm this. Up to five handsets can be handled by each base station and multiple base stations can be deployed for better coverage and/or more handsets. Costs are in the region of \$120 for the base station and first handset, \$70 for each additional handset.

An initial beta deployment has been added to the web GUI and it enables each handset to be managed, assigned to a user etc as though it were a regular SIP phone - more about this later. Each handset has an individual SIP account and voice mail box. The beta release has the following limitations:

1. FMFM can only be assigned to the first handset (lowest extension number).
2. Only a single base station is supported.

Both of these limitations will be removed once the beta testing has been completed.



YEALINK SIP-W56P

## Deployment

A fragment of the screen under the “Phones” tab is shown below. To add a W56P handset follow this procedure

- Click the “Add Phone” button
- Choose the “W56P” from the “Other” column on the far right.
- Set it's MAC address to that of the base station.
- Note that EVERY W56P on a given base station will have the same MAC address - up to a maximum of 5 handsets

Exten	Type	BLF or Keys	Password	Local CID	Record	Call Limit	Model	MAC Address or PSTN Number	Trans	Ring Tone	CPK or AXFR	A
2301	Yealink		1LapdsUS	Jim Smith	no	2	W56P	00:15:65:A5:68:BC				
2302	Yealink		9AXUXnnR	Paul Wright	no	2	W56P	00:15:65:A5:68:BC				
2303	Yealink		terces	Exten 2303	no	2	W56P	00:15:65:A5:68:BC				
2305	Yealink	Keys	DVfB5GWH	Sid China	yes	4	SIP-T28	00:15:65:77:24:0F	tls	2	no	
2312	Gstream		EprbXILF	Exten 2312	yes	4	GXP1405	00:0B:82:49:45:71	udp	2	no	
2318	Polycom	BLF	AUTO	Ian Smath	yes	4	VWX500	00:04:F2:AA:F0:E4	tls	2	1	2
2319	Gstream	Keys	6KXRyD4r	Paul Wrightt	yes	4	GXP2124	00:0B:82:46:36:49	udp	2	no	
2325	Polycom		AUTO	Robin Banks	yes	4	SP335	00:04:F2:35:F8:60	udp	2	1	
2327	PSTN			Exten 2327	no			518-852-6050	pstn			

The MAC address of all of the W56P phones MUST be the same.

Add Phone

Copy BLF

The compiler will order the handsets by extension number. This is of little practical importance other than only handset #1 will have FMFM in the beta version of the code.