

# ASCOM HANDSET OVERVIEW

		Ascom d41		Ascom d62			Ascom d81		Ascom d81 Ex	
										
		Basic	Advanced	Talker	Messenger	Protector	Messenger	Protector	Messenger	Protector
<b>Handset dimensions</b>										
Size (L x W x H)		133 x 53 x 24 mm	133 x 53 x 24 mm	134 x 53 x 26 mm	134 x 53 x 26 mm	134 x 53 x 26 mm	142 x 56 x 25 mm	142 x 56 x 25 mm	142 x 56 x 25 mm	142 x 56 x 25 mm
Weight		115 g (incl. battery and clip)	115 g (incl. battery and clip)	130 g (incl. battery and clip)	130 g (incl. battery and clip)	130 g (incl. battery and clip)	Standard 170 g (incl. battery and clip)	Standard 170 g (incl. battery and clip)	175 g (incl. battery and clip)	175 g (incl. battery and clip)
<b>Display</b>										
Display type/size	Large display for easy use	Grey scale, 28 x 35 mm	Grey scale, 28 x 35 mm	Color, 28 x 35 mm	Color, 28 x 35 mm	Color, 28 x 35 mm	Color, 28 x 35 mm	Color, 28 x 35 mm	Color, 28 x 35 mm	Color, 28 x 35 mm
Back light	Easy-to-read display	x	x	x	x	x	x	x	x	x
<b>Operation</b>										
Backlit keypad	Easy-to-use keypad			x	x	x	x	x	x	x
Adaptable GUI	Efficient use thanks to adaptable menus			x	x	x	x	x	x	x
Programmable softkeys	Fast and easy access to functions. Softkey names in display simplifies use.			3	3	3	3	3	3	3
Programmable hotkeys	Fast and easy access to functions and phone numbers			9+1	9+1	9	9+1	9	9+1	9
<b>Telephone features</b>										
Local phonebook	Easy access to personal contact information	250	250	250	250	250	250	250	250	250
Company phonebook	Company contacts downloadable to the handset	500	500	1000	1000	1000	1000	1000	1000	1000
Central phonebook	Centrally managed telephone directory direct accessible from the handset	x	x	x	x	x	x	x	x	x
Call list	List of made/received/missed calls are easy to recall and dial	25	25	25	25	25	25	25	25	25
Hands-free	Conference calls and hands-free use made easy	x	x	x	x	x	x	x	x	x
Push-to-talk (PTT)	Microphone on only when key is pressed. Possibility to set up group call				x	x	x	x	x	x
<b>Basic messaging features</b>										
Ascom direct messaging	The complete message is shown directly on the display		x	x	x	x	x	x	x	x
Max. message length	Messages and alarms easy to understand. No abbreviations needed.		12	12	160	160	160	160	160	160
Number of stored messages	Recent messages can be recalled and red again.				30	30	30	30	30	30
<b>Eskalations Messaging Funktionen</b>										
Broadcast/multicast	A specific group or all users can get a message at the same time				x	x	x	x	x	x
Acknowledge (accept/reject)	The recipient can accept or reject a message				x	x	x	x	x	x
Escallation	An alarm can be escalated if not accepted				x	x	x	x	x	x
<b>Interactive messaging features</b>										
Interactive messaging	The content of the messages dynamically updated depending on the process and user interaction.				x	x	x	x	x	x
Push-to-Conference	Automatic conference call by the push of a button on the handset				x	x	x	x	x	x



# ASCOM HANDSET OVERVIEW CONTINUING

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<b>Alarms</b>										
Alarm button	Safe and simple alarms through dedicated alarm button					x		x		x
Man-down/No-movement alarm	Automatic alarm if the handset user is lying down/not moving							x		x
Pull-cord	Automatic alarm when the handset is pulled away from the user							x		x
Audible location signal (ALS)	Loud alarm signal for easy location of handset					x		x		x
Color coded messaging	Possibility to show different levels of urgency for messages				x	x	x	x	x	x
Automatic Call after Alarm	Direct contact with colleagues or rescue team				x	x	x	x	x	x
Basestation location	Location of a handset to within the base station coverage area				x	x	x	x	x	x
DECT location	Precise location using DECT locators				optional license	optional license	optional license	optional license	optional license	optional license
LF location	Precise location using LF locators						x	x	x	x
Poll location	The handsets location can be monitored				x	x	x	x	x	x
<b>System Management</b>										
Central Management	Management of settings and software without having to collect all handsets		x	x	x	x	x	x	x	x
Over the air programming	Fast and easy maintenance of the handset		x	x	x	x	x	x	x	x
Easy Replacement	Fast and easy replacement of a handset incl. settings	x	x	x	x	x	x	x	x	x
Easy Battery Replacement	Fast and easy replacement of a battery for 24 h use			x	x	x	x	x		
<b>Extended specifications</b>										
Standby time	Long battery life time	180h	180h	240h	240h	240h	120h	120h	80h	80h
Talk time	Long battery life time	16h	16h	20h	20h	20h	18h	18h	18h	18h
Vibrator	Calls are not missed even in noisy environments or when the handset must be silent.	x	x	x	x	x	x	x	x	x
Headset connector	Perfect communication under all circumstances	Standard 2.5mm	Standard 2.5mm	Standard 2.5mm	Standard 2.5mm	Standard 2.5mm	IP 65 (Proprietary)	IP 65 (Proprietary)	IP 65 (Proprietary)	IP 65 (Proprietary)
Protection/temperature range	Resilient and robust for high reliability and long life time	IP40/0°C bis +40°C	IP40/0°C bis +40°C	IP44/0°C bis +40°C	IP44/0°C bis +40°C	IP44/0°C bis +40°C	IP65/-10°C bis +55°C	IP65/-10°C bis +55°C	IP65/-10°C bis +40°C	IP65/-10°C bis +40°C
Resistance to disinfectants	Can be disinfected with common disinfectants			x	x	x	x	x	x	x
Drop tested according to IEC 60068-2-32	Survives rough handling	1m	1m	1.5m	1.5m	1.5m	2m	2m	2m	2m
ATEX / EX approved	For use in hazardous locations								x	x
<b>Options</b>										
Bluetooth for headsets	Connects to wireless headsets			Option	Option	Option	x	x	x	x
Bluetooth for data	Data transfer from bar code, RFID reader etc.				optional license	optional license	optional license	optional license	optional license	optional license
Desktop charger	Easily accessible charging at your desk	x	x	x	x	x	x	x	x	x
Desktop charger with Ethernet switch	Handset management and software download	x	x	x	x	x	x	x	x	x
Charging rack	Compact storage and charging of many handsets in one place Handset management and software download"	x	x	x	x	x	x	x	x	x
Battery pack charging rack	Charging of batteries for 24h use			x	x	x	x	x	x	
License upgrade	Easy upgrades for access to new functionality	to Advanced		to Messenger			to Protector		to Protector	