

MaxComm

3G Fixed cordless Phone

Model : MW-396



MaxComm Co.,Ltd

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1 Introduction

MW-396 is a wireless fixed phone which supports UMTS/HSPA+: 850 MHz, 1900 MHz and 2100 MHz. Optional 900MHz

2 Keypad definition



Figure 1 Appearance

1	LEFT SOFT KEY	Press to go into the main menu in idle screen
2	RIGHT SOFT KEY	In any menu you can back to the previous menu
3	Navigation key UP	You can scroll the cursor through the UP key; Shortcut to access the settings menu in idle screen
4	Navigation key DOWN	You can scroll the cursor through the DOWN key; Shortcut to access the alarm menu in idle screen
5	Navigation key LEFT	Shortcut to access the main menu in idle screen
6	Navigation key RIGHT	Shortcut to access the contacts menu in idle screen
7	OK	Press it to access the submenu Press to go into main menu in idle screen
14	Dial key	Make phone call: input the phone number and press Dial key
15	Power on or off/ Key	Long press for seconds to power on/off the phone; Press the end key, it will end phone call or back to the idle screen

16	0~9 Numeric Keys	To input numbers and characters
17	*	In idle screen, press to input *,+,P,W. In message editing screen, press to enter the special symbol mode.
18	#	In idle screen, press to input # In message editing screen, press to switch the input method.

3 Hardware Specifications

3.1 Basic HWD features

Basic features	
Model Name	MW-396
Frequency Band	UMTS/HSPA+: 850 MHz, 1900 MHz and 2100 MHz, Optional : 900MHz EDGE/GPRS/GSM: 850 MHz/900 MHz/1800 MHz/1900 MHz
Technical Standard	EGSM/GPRS 3GPP Release 99 compliant
Operating Frequency:	UMTS/HSPA+: 850 MHz, 1900 MHz and 2100 MHz EDGE/GPRS/GSM: 850 MHz/900 MHz/1800 MHz/1900 MHz
Antenna Interface	Internal antenna
Internal Memory	1G+256 DDR
LCD	128*64 Pixels
External Interface	
USB port	Standard USB 1.1, download SW
DC Connector	5V/1.0A
Power Switch	No power switch, Soft Power key
Battery Connector	3 PIN connector
SIM interface	Standard 6 pin, 1.8v/3.0v SIM Card
Antenna Connector	Internal
Environment Specification:	
Operating Temperature	-10°C to 40°C
Storage Temperature	-25°C to 75°C
Operating Humidity	10 ~ 95%

3.2 Antenna

Items	Specification
Interface	Internal
Frequency bandwidth	824~894MHz; 880-960 MHz; 1710--1880 MHZ 1850MHz~1990; 1920-2170 MHZ
Voltage standing wave ratio	<3.0
Input resistance	50Ω

Frequency (MHZ)	824	880	894	960	1710	1880	1900	2170
Gain(dBi)	2.1	2.0	1.7	1.8	2.4	2.5	2.7	2.8

3.3 Accessories

3.3.1 Battery

Items	Specification
Type	Li-Ion,
Capacity	800 mAh
Voltage	3.7V
Talk time	About 4 hrs (Depending on network)
Standby time	About 72 hrs (Depending on network)

3.3.2 Power Adapter

Item	Parameters
Input Voltage	AC , 100~265 V
Frequency	50~60HZ
Max input current	300mA
Output Voltage/Current	5 V/1.0A
Efficiency	>78%

4 Software Specifications

General Features	
Network type	UMTS/HSPA+ /GSM/GPRS/EDGE
Band class	UMTS/HSPA+: 850 MHz, 1900 MHz and 2100 MHz EDGE/GPRS/GSM: 850 MHz/900 MHz/1800 MHz/1900 MHz Optional : 900MHz
Voice code	FR/EFR/HR/AMR
AMR Code	Support
SIM Tool Kit (UTK) Functions	Support
Language.	Portuguese,English, Spanish, Russian and so on
Input method	CSTAR,English Intelligent Text Input
Call log	20 pcs (dialed/ received/ missed).
SMS Storage capacity.	Up to 100 items in phone
Contact capacity	200 items in phone+ capacity in USIM

Group SMS	Support (Support to send 20pcs SMS in one group)
Alarm	Support
Clock	Support
Calculator,	Support
DTMF.	Support
Auto Redial	Support
Speed dial	Support
Caller ID	Support
Backlight Time	Support
Call duration	Support
LCD backlight adjustment	Support
Programmable ring volume control.	Support
Programmable voice volume control	Support
Hands- free mode	Support
Speaker volume control in hands free operation.	Support
Key tone volume adjustments	Support
Missed calls & incoming message indication on display	Support
Network Dependent Features	
Call Forwarding	Support. Network Dependent.
Call wait/call hold	Support. Network Dependent.
Conference call	Support. Network Dependent.
Call barring	Support. Network Dependent.
Display	
Key digit input display	Support
Banner Display	Support
Time Display (Date, Month, Year and Day of the week).	Support, the time and date format is adjustable
Operator name display	Support
Display icon:	
RSSI Indication	Support
No Service/ Service Indication	Support
Voice call Indication	Support
Power status indicator	Support
Alarm Indication	Support
New SMS Indication	Support
Voice Message Indication	Support

Tone and Sound Generation	
Tone type	MIDI
Busy tone	Support
Ringer tone	Support
Incoming call alert	Support
Ring tone volume adjustments	Support
SMS Receive Alert	Support
Keypad tone	Support
Lock function	
Lock Cell	Support
Lock Operator	Support
Lock Pin / SIM Card	Support
Tools	
Download tool	Support
Configuration tool	Support

5 Appendix A: Accessories List

Name	Number
Cordless Phone	1
Seat changer	1
User Manual	1
Adapter	1
Battery	1