ADVANTAGE
ROUTE SYSTEMS

MANGO
X SERIES MOBILE DEVICES

RUGGEDIZED ANDROID DEVICES – BUILT TO LAST

The Mango X-Series mobile devices are built specifically for work in the field:

- ✔ High Resolution Screens from 4" - 7"
- ✔ Flexible Android OS
- ✔ Durable Outer Case
- ✔ Bluetooth and Wi-Fi
- ✔ GPRS/GSM (2G/3G/4G)
- ✔ High Resolution Camera
- ✔ Enhanced GPS Features
- ✔ Walkie-Talkie Mode
- ✔ Long Battery Life
- ✔ 1 Year Warranty*

*Features and warranty very by model.

The Mango X-Series handhelds are designed to meet the demands of route delivery companies working in the field – right out of the box. These durable units have excelled in every area of our rigorous testing process, both physically and technically.

BUILT TO LAST IN THE FIELD

The X-Series handhelds were engineered from the ground up to thrive in heavy wear-and-tear environments. Produced under strict ISO 9001 and 14001 standards, each unit goes through extensive testing to make sure it is ready for years of service.

X-SERIES HANDHELD FEATURES:

- Powerful processors to instantly load software and provide a fast workflow from app to app
- High-resolution cameras and precise GPS technology to assist you in the field
- Simplified communication through Wi-Fi, Bluetooth, GSM/GPRS and other tools right at your fingertips
- Long-lasting batteries to ensure you can go the entire day on a single charge

There is no better value on the market than the Android-based Mango X-Series handhelds. With high-speed processors, large screens, GPS, Wi-Fi, Bluetooth, and a camera, your route drivers will have everything they need to run their routes quickly and efficiently.

WIRELESS CHARGING AVAILABLE

With high speed processors, large screens, GPS, Wi-Fi, Bluetooth, and a camera, your route drivers will have everything they need to run their routes quickly and efficiently. There is no better value on the market than our Android-based Mango X Series handelds.

SPECIFICATIONS

VARIOUS RUGGEDIZED HANDHELD DEVICES TO CHOOSE FROM

Feature / model	Mango RX4	Mango RX4+	Mango FX5	Mango SX4	Mango TX7
Screen Size	4.5"	4.5"	5.0" TFT High Def	4.0"	7.0"
Pixel Res	960 X 540	960 X 540	1280 X 720	800 X 480	1024 X 600
Processor	Quad Core MTK6735 1.3GHz	Quad Core MTK6735 1.3GHz	Quad Core MTK8732 1.2 GHz	Dual Core, MTK 6572 1.3 GHz	Quad Core MTK6589T
RAM/ROM	2GB/16GB	2GB/16GB	1GB	1GB	1GB
OS	Android 5.1	Android 5.1	Android 4.4	Android 4.4.2	Android 4.2.2
IP Rating	68	68	68	65	67
SIM	Dual - Mini	Dual - Mini	Single - Micro	Dual - Mini	Single - Mini
Band	4G:GSM/GPRS/EDGE/WCDMA/HSDPA/LTE GSM: 850/900/1800/1900MHz 3G: WDCMA: 900/2100MHZ	4G:GSM/GPRS/EDGE/WCDMA/HSDPA/LTE GSM: 850/900/1800/1900MHz 3G:WDCMA: 900/2100MHZ	4G:GSM/GPRS/EDGE/WCDMA/HSDPA/LTE GSM: 850/900/1800/1900MHz 3G:WDCMA: 900/2100MHZ	3G: WCDMA 850/900/2100MH	3G: WCDMA 1900MHz 2G: GSM 850/900/1800/1900 MHz
Wi-Fi	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
Bluetooth	4.0	4.0	4.0	4.0	4.0
Camera: Front	2 mp	2 mp	2 mp	NA	2mp
Camera: Rear	13 mp	13 mp	7.7 mp	5 mp	8mp
Flash	Yes	Yes	Yes	Yes	Yes
GPS (AGPS)	Yes – EPO assist	Yes – EPO assist	Yes	Yes	Yes
Gravity/Light/Prox. Sensors	Yes	Yes	Yes	Yes	Yes
Battery size	3000mAh	4700mAh	4050mAh	5200mAh	11,000mAh
Charging Port	Micro USB	Micro USB	Micro USB	Mini USB	Mini USB
Standby Time	950 hrs	950 hrs	300 hrs	200 hrs	500 hrs
Talk Time			8 hrs	8 hrs	16 hrs
Charging Time	3.5 hrs	5 hrs	4 hrs	4.5 hrs	6 hrs
NFC (Near field comm.)	Yes	Yes	Yes	Yes	Optional
Walkie-Talkie Mode (w ant.)	400-470 MHz Full frequency mode to 3-5 Kms	400-470 MHz Full frequency mode to 3-5 Kms	Not Available	Not Available	Not Available
FM Radio	Yes	Yes	Yes	Yes	Yes
Earphone Port	3.5mm	3.5mm	3.5mm	3.5mm	3.5mm
Audio File Format	MP3/ACC/MIDI/WAV/AMR	MP3/ACC/MIDI/WAV/AMR	MP3/ACC/MIDI/WAV/AMR	MP3/ACC/MIDI/WAV/AMR	MP3/ACC/MIDI/WAV/AMR
Video File Format	MPEG4/H.263/H.264 30 fps/RMVB	MPEG4/H.263/H.264 30 fps/RMVB	MPEG4/H.263/H.264 30 fps/RMVB	MPEG4/H.263/H.264 30 fps/RMVB	MPEG4/H.263/H.264 30 fps/RMVB
Image File Format	JPEG/BMP/GIF/PNG	JPEG/BMP/GIF/PNG	JPEG/BMP/GIF/PNG	JPEG/BMP/GIF/PNG	JPEG/BMP/GIF/PNG
Dimensions	150.6 x 76.8 x 21.9mm (5.9 x 3 x .9 in)	150.6 x 76.8 x 26.6mm (5.9 x 3 x 1 in)	157 x 83.5 x 17.8mm (6.2 x 3.3 x .7 in)	158 x 75 x 28mm (6.2 x 3 x 1.2 in)	200x135x30.7mm (7.9 x 5.3 x .8 in)
Weight	280 grams	350 grams	350 grams (12 ounces)	300 grams (10 ounces)	650 grams (21 ounces)
Accessories	3.5mm Earphones Micro USB Cable AC/DC Charger Walkie talkie antenna Screwdriver	3.5mm Earphones Micro USB Cable AC/DC Charger Walkie talkie antenna Screwdriver	Micro USB Cable Wall Charger Screwdriver DC Charger	Mini USB Cable Wall Charger DC Charger	Mini USB Cable Wall Charger Screwdriver DC Charger
Wireless Charging	Optional	Optional	Not Available	Not Available	Not Available
Warranty	1 year	1 year	1 year	1 year	1 year

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WHO IS ARS? Advantage Route Systems is the global leader in route automation solutions, trusted by thousands of route delivery companies worldwide to deliver progressive solutions for route accounting, handheld devices, and GPS-based technologies. ARS products have become an essential part of in-field and office operations in industries such as bottled water, water treatment, ice, propane, oil recycling, coffee, and more. Built on a commitment to help our customers' businesses run optimally, we provide 24/7 world-class support that is second to none.