



CORE-X5

POWERFULLY EFFICIENT IN HOSTILE ENVIRONMENTS

Designed for professionals working in hostile environments where a direct means of communication is vital to the success of their work, the CORE-X5 is a bespoke device for technical PMR communication. Along with its comprehensive network coverage and long battery life, it has four programmable buttons and a powerful 100dB loudspeaker.

Fitted with the Octa-core Qualcomm® Snapdragon™ 665 processor, 4GB of RAM and 64GB of memory, the CORE-X5 can seamlessly handle any business application. Boasting unfailing durability and robustness, it is the perfect work tool for extreme conditions and critical jobs.

- **Technical Communication:** PMR bands, 100dB loudspeaker
- **Power & Endurance:** Snapdragon™ 665, 6GB of RAM and 128GB of memory
- **Ergonomics & Durability:** Five-year warranty, AER Certification



CORE-X5

IN CONTROL. EVERY DAY.

PRODUCT HIGHLIGHTS

SPECIFICATIONS

COMMUNICATION

EFFICIENT

DURABLE



TECHNICAL COMMUNICATION

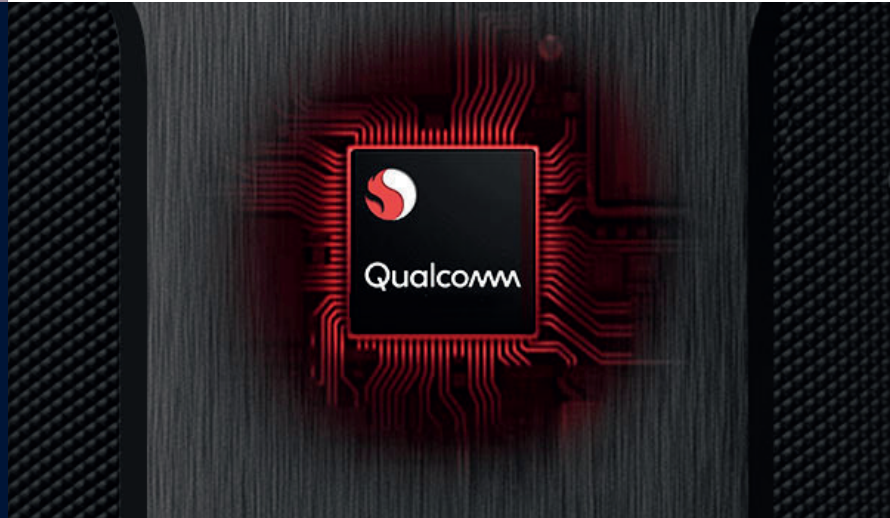
— OPTIMISED FOR PMR AND DIRECT COMMUNICATION ACROSS ALL NETWORKS

The CORE-X5 is the smartphone of choice for professionals and business users who want more from their communications. Optimised for PMR (Professional Mobile Radio) with its four programmable buttons and powerful loudspeaker, the device can become a fully-fledged walkie-talkie thanks to the X-TALK app.

POWERFUL AND TOUGH

— Navigate quickly and with ease

The CORE-X5 features a Qualcomm® Snapdragon™ 665 Octo-core processor and 6GB of RAM, allowing you to navigate around your smartphone quickly, and switch from intensive operation to more relaxed types of use with ease. Certified Android Enterprise Recommended, the CORE-X5 is delivered with Android™ 11 and will be upgraded to Android™ 12. Security patches are kept up to date for 5 years from the launch date of the CORE-X5 (April 2022).



ERGONOMIC AND DURABLE

— A LONG-TERM SOLUTION

The CORE-X5 is guaranteed for five years, an outstanding warranty period in the world of telephony, which guarantees the residual value of the telephone over time. In addition, the CORE-X5 has been designed to comply with CROSSCALL's values in terms of durability: it's fully waterproof, with an IP68 rating, and can withstand 2m high drops onto concrete, thus guaranteeing professionals a tool that meets their needs whatever their day holds.



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OUTDOOR SPECIFICATIONS

IP standard	IP 68
Resistance to salt water	2 m/30 mins
Dustproof	IP6X
Operating temperature	-25°C / + 60°C
Resistance	US MIL-STD-810H (15 tests) Drop test (6 faces, 2m on concrete)

TECHNICAL SPECIFICATIONS

Dimensions	163 x 78 x 14.5 mm
Weight	256 g
Colour	Black
Operating system	Android™
Version / Zero-Touch / AER	11 then 12 / Yes / Yes
Processor	Qualcomm® Snapdragon™ 665 (SM6125)
Type	OCTO-CORE (4xA53 @1.8GHz + 4xA73 @2 GHz)
Head/Body SAR	1.335W/kg - 1.521 W/kg
Limb SAR	3.041 W/kg
Languages	German, English, Arabic, Chinese, Croatian, Danish, Spanish, Estonian, Finnish, French, Hungarian, Italian, Latvian, Lithuanian, Dutch, Norwegian, Polish, Portuguese, Serbian, Slovak, Slovenian, Swedish, Czech

SCREEN

Size	5.45" - 18/9
Type	IPS - Corning Gorilla® Glass
3 (0.8 mm)	
IK standard	IK05
Touch screen	Capacitive screen, 5 points Wet & Glove touch
Resolution	1440x720 HD pixels+
Brightness	500 cd/m ²

BATTERY

Type	Lithium Polymer
Capacity	4940 mAh Typ
Talk time (2G/3G)	32 hrs 4 mins
Battery life in standby (4G)	31 days
Battery life in GPS mode**	14 hrs 55 mins
Reverse charge	Yes, via USB type-C port (USB-Power Delivery)

NETWORK & CONNECTIVITY

SIM	Triple drawer: 2 SIM + 1 micro SD
Type	Nano SIM
2G (GPRS/EDGE)	850/900/1800/1900 MHz
3G (HSPA+)	850/900/1700/1900/2100 MHz
4G (LTE)	FDD-LTE bands: Band 1(2100) / 2(1900) / 3(1800) / 5(850) / 7(2600) / 8(900) / 20(800) 28 fullband (700) / 32(1500) CA down only TDD-LTE bands: Band 38(2600) / 40(2300)
VoLTE	Compatible***
VoWiFi	Compatible***
WiFi	802.11a; 802.11b; 802.11g; 802.11n; 802.11ac; 802.11k; 802.11r; 802.11v; 802.11u 2.4 GHz and 5 GHz
Bluetooth®	5.0
NFC	Yes, payment feature
USB	Type-C 3.2 Gen1
OTG	Yes
X-LINK™**	Yes

*Magconn Technology

**GPS + DATA + GOOGLE maps enabled + 100% screen brightness%

*** To be validated with the carrier's technical teams

MEMORY

RAM	6 GB
Flash	128 GB
External (Micro SD)	max. 512 GB (sold separately)

PHOTO

Rear camera	48 MP Fusion*
PDAF Autofocus	Yes
Front-facing camera	8 MP
Flash	LED
Supported formats	JPEG, GIF, PNG, BMP

VIDEO

Resolution	4K @30fps
Supported formats	MPEG4, H.264, H.265

AUDIO

Audio jack	3.5mm waterproof headphone jack
Supported formats	AMR, MIDI, MP3, WAV, AAC
Microphone	Waterproof microphone, GORE membrane
Loud speaker	100db

LOCATION SERVICES

GPS	Yes
Type	GPS, A-GPS, Glonass, Beidou, Galileo

SENSORS

Accelerometer / G-Sensor	Yes
Proximity sensor	Yes
Light sensor	Yes
Gyroscope	Yes
Magnetometer / E-Compass	Yes

FEATURES

Play Store™	Yes
Google services	Yes
Hands-free	Yes
Alarm clock	Yes
Voice recorder	Yes
FM Radio	Yes (requires wired headphones)
Torch	Yes
Customisable multifunction buttons	Yes, four
QR code reader	Yes
Fingerprint reader	Yes
Light indicator	Yes, multicoloured LED

PACKAGING

Package dimensions	182 x 176 x 33.5 mm
Weight	557 g

LOGISTICS

Product reference	1001012501116
EAN Code	3700764731116
Box dimensions	398 x 225 x 239 mm
Number of products/box	10
Wholesale box weight	about 5.9 kg
Pallet dimensions	1129 x 797 x 1583 mm
Layers	6 (10 boxes per layer)
Number of products/pallet	600
Pallet weight	394 kg
Customs reference	8517120000

INCLUDED IN THE BOX



5V/2A CHARGER
(Quick charge)



USB-A / USB-C CABLE



IPX6 WATERPROOF HEADPHONES



X-BLOCKER

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THE CORE-X5, PERFECT FOR PMR

Peace of mind. The CORE-X5 has been specially designed for PMR (Professional Mobile Radio) on the public 4G network and on private 4G networks, which obviously includes bands 28, 38, 40. It supports all mission-critical protocols (support for Release 12 3GPP functions) allowing users to communicate even in the event of network saturation thanks to resource preemption and flow prioritisation mechanisms.

The CORE-X5 also incorporates a 100 dB loud speaker so you can communicate clearly and audibly, regardless of the noise and environment around you. The terminal microphones also feature advanced noise cancellation so that the user can be heard clearly by the other party.

In addition, the CORE-X5 incorporates four programmable buttons designed for use with gloves: they have wide surfaces and are protected from inadvertent pressing by polycarbonate reinforcements. Finally, thanks to the X-TALK app native to the CORE-X5, you can turn your smartphone into a mobile radio for group communication.

CROSSCALL also offers an ecosystem of accessories that are ideal for PMR use, such as the HOLSTER to hang your CORE-X5 on a belt, the X-CHEST harness and the X-ARMBAND, to keep you fully connected even when on the move.

TWO DAYS' BATTERY LIFE IN AVERAGE USE

Peace of mind, however long it takes

You no longer need to worry about your battery running out thanks to the CORE-X5's 4940mAh battery, which gives the phone exceptional endurance, while its processor is optimised to consume very little power. Because "group communication" uses lots of battery power and calls often take longer than a usual session, CROSSCALL offers several alternatives to help you maintain the battery life of your device. Like the X-POWER external battery, for example, which doubles the endurance of the CORE-X5.

SHARE SOME OF YOUR BATTERY

Transfer part of your current battery charge to another CROSSCALL product or other device (torch, headphones, smartphone, etc.) that is USB type C-compatible thanks to the reverse charging technology of the CORE-X5.



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OPTIMISE YOUR REACTIVITY

— You've never been so connected

Switch between your technical business apps and other types of use with no loss of responsiveness. The CORE-X5 features a Qualcomm® Snapdragon™ 665 Octo-core processor and 6GB of RAM, so you can navigate around your smartphone quickly and with ease, and vary the most demanding uses between your different business apps.

— Personal and work profiles on the same device

The CORE-X5 is equipped with a triple SIM and memory card tray (2 NANO SIMs + 1 MicroSD), so you can easily switch from one SIM to another and combine professional and personal use on the same phone. And on your travels? Use the second SIM card slot to temporarily sign up to a local plan abroad.

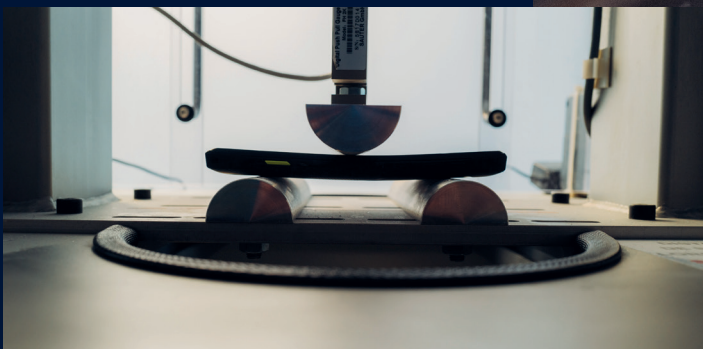
YOU HAVE IT IN HAND

— The perfect size

Designed with a 5.45" 18:9 screen, the CORE-X5 is the perfect size and shape for optimal readability and handling.

— An even more resistant screen

The CORE-X5 is equipped with Corning® Gorilla® Glass 3 0.8mm, glass 60% thicker than standard screens and therefore much more durable. And finally, thanks to its 500 cd/m² screen, the CORE-X5 offers excellent brightness, even in direct sunlight.



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FOR THE LONG TERM

— The smartphone you'll keep for longer

With a 5-year warranty, the CORE-X5 will be upgraded to Android™ 12 and security patches will be kept up to date for 5 years from its launch date (April 2022).

In addition, the CORE-X5 has been designed in line with CROSSCALL's commitment to durability, and therefore complies with military standard MIL-STD-810H, giving professionals a device that is perfectly suited to their daily life and use.

— Android Enterprise Recommended certification

Android Enterprise Recommended is more than just a quality label. The American firm selects devices and service providers who meet Google™'s strict enterprise requirements. You can therefore be completely confident when rolling out mobile devices across your company.

Every listed device meets strict requirements for hardware and software, and every partner is trained and supported by Google.

THE HEIGHT OF REPAIRABILITY

— One of the best repairability indices on the market

A smartphone has to be repairable if it's to have a long lifespan. We therefore paid particular attention to this point when designing the CORE-X5, so that the products in the CORE range continue to feature among the most repairable on the market.



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TESTED TO MILITARY STANDARD

Robust inside AND out

Furthermore, the CORE-X5 passed the 15 tests of the MIL-STD-810H military standard with flying colours, including drop tests on 6 sides of the phone from a height of 2 metres onto a concrete block.

To preserve its power, the loudspeaker, which is also fully waterproof, has a grill that protects it against dust and microparticles, as well as impacts. The CORE-X5 screen also features 0.8 mm-thick Corning Gorilla® Glass 3, which is resistant to scratches and knocks.

Resistant to salt water, chlorinated water, dust and microparticles of all kinds


The CORE-X5 is designed to suit your lifestyle, whether you're a craftsperson in a workshop, a factory team leader, an architect on a building site or an outdoor sports person. Because it is fully waterproof, the CORE-X5 withstands contact with all sorts of liquids, dust and microparticles, such as the dust generated on building sites, the steel industry or sand.


ALTITUDE-RESISTANT
Low pressure and pressure variations



LIQUID CONTAMINATION
occasional contact with diesel


RAIN
3 hours in heavy storms



THERMAL SHOCK
From -40°C to 60°C



HIGH TEMPERATURES
In operational use +60°C


IMPACTS
18 impacts


HUMIDITY RESISTANCE
60°C, 95% relative humidity for 28 days



SALT SPRAY
High temperature and presence of sodium chloride



LOW TEMPERATURES
In operational use -25°C


HIGH TEMPERATURES
In storage: +71°C


VIBRATION
8 hours of intense shaking


FREEZING RAIN
Formation of 13 mm of ice on the phone


SOLAR RADIATION
Peak exposure of 1,120 W/m³


LOW TEMPERATURES
In storage: -51°C


ACCELERATION
From 0 to 72 km/h in 1 second



X-LINK™* ATTACHMENT TECHNOLOGY



MOUNT
Magnetic attachment and positioning in portrait/landscape mode.



CHARGE
Fast, efficient charging. 98% power transfer.



TRANSFER
Easy to use. No need for cables! Attachment in a single step, charge and data transfer.

*Magconn Technology / SAR CORE-M5: Head: 1.335 W/kg / Body: 1.521 W/kg / Limbs: 3.041 W/kg. SAR (or Specific Absorption Rate) measures the level of exposure to electromagnetic waves for aural use. French regulations require this level to be less than 2 W/kg for the head and body, and less than 4 W/kg for limbs. Using a listening device that limits the head's exposure to radioactive emissions from a mobile phone is recommended. Pursuant to Article L.111-3 of the French Consumer Code, the duration of availability for spare parts that are essential to the use of a new product is ten (10) years from when the product is sold. Your phone, along with the accessories in the box, are guaranteed against any defect or malfunction that may arise due to their design or manufacture, or an equipment failure, under normal conditions of use, for the duration of the warranty period (available to read with our after-sales T&Cs on www.crosscall.com > Assistance > Warranty) valid from the date of purchase of the phone, as shown on your original invoice. The commercial warranty automatically terminates at the end of this period. Google and Android are registered trademarks of Google LLC.