

Voxicon In-Ear Pro FA-NC300 - Wireless Headphones with ANC, ENC



Header

Manufacturer	Voxicon
Model	VXFA-NC300

Performance

Product type	Headphones
Wearing style	In-ear
Recommended usage	Business/Everyday
Headset type	Stereo
Product colour	Black
Operating keys	ANC control, Answer/end call, Play/Pause, Track <, Track >, Volume -, Volume +
Control type	Touch
Volume control	Touch
Sound pressure level (max)	110 dB
Housing material	Plastic
Number of simultaneously connected devices (max)	
Number of paired devices remembered	8

Ports & interfaces

Connectivity technology	True Wireless Stereo (TWS)
Bluetooth	Yes
Frequency band	2.4 GHz

Bluetooth version	5.0
Microphone in	Yes
Wireless range	10 m

Headphones

Maximum input power	5 MW
Headphone frequency	20 - 20000 Hz
Intraaural headphones type	In-ear monitors
Driver unit	10 mm
Impedance	32 Ohm
Noise canceling	Yes
Headphone sensitivity	110 dB
Noise canceling type	Active
Diaphragm diameter	10 mm
Noise reduction	Yes
Driver type	Dynamic
Number of drivers	1
Transparency mode	Yes

Microphone

Microphone type	Built-in
Number of microphones	1

Battery

Battery operated	Yes
Battery type	Built-in battery
Rechargeable battery	Yes
Battery technology	Lithium-Ion (Li-Ion)
Continuous audio playback time	10 h
Input voltage (earpieces)	3.7 V
Battery capacity	40, 0.145 mAh
Battery charge indicator	Yes
Talk time	5 h
Input voltage (charging case)	5 V
Talk time (with charging case)	17 h
Right earpiece battery capacity	40 mAh

Battery recharge time	1.5 h
Number of batteries supported	1
Left earpiece battery capacity	40 mAh
Standby time	72 h
Charging source	Charging case, USB
Fast charging	No
Battery recharge time (charging case)	1.5 h
Fast charging time	90 min
Input current (charging case)	1 A
Battery capacity (charging case)	400 mAh
Wireless charging	Yes
Battery technology (charging case)	Lithium Polymer (LiPo)
Continuous audio playback time (with charging case)	35 h
Battery voltage	3.7 V
Continuous audio playback time (ANC on)	7 h
Continuous audio playback time (ANC off)	10 h

Power

USB Type-C charging port	Yes
USB Power Delivery (USB PD)	No
Required charging power (min)	0.2 W
Required charging power (max)	5 W
Minimum charging power	0.3 W
Maximum charging power	5 W

Operational conditions

Operating temperature (T-T)	-10 to 50 °C
Storage temperature (T-T)	-40 to 55 °C
Storage relative humidity (H-H)	20 to 90 %

Weight & dimensions

Weight	1.2 g
Charging case weight	7.219 g

Packaging content

Charger	No
Charging case	Yes

Receiver included	No
Charging case capacity	400 mAh
AC adapter included	No
Charging case connector type	USB Type-C
Carrying case weight	7.219 g
Quick start guide	Yes
Manual languages	English
Accessories included in set	3 sizes silicone eartips
Cables included	USB Type-C
Quantity	1

Technical details

Warranty period	2 year(s)
Output power	1 MW

Supplier features

Battery life	600 min
Charging time	90 min

Other features

Transducer type	Dynamic
Number of batteries included	1 pc(s)
Battery weight	1.2 g
Current consumption	0.5 mA
Capsule diameter	10 mm
Number of products included	1 pc(s)
Frequency range	20-20k Hz
Battery life (fast charging)	10 h
Sound pressure level (nominal)	110 dB
Peak power	1 W
Maximum operating distance	10 m