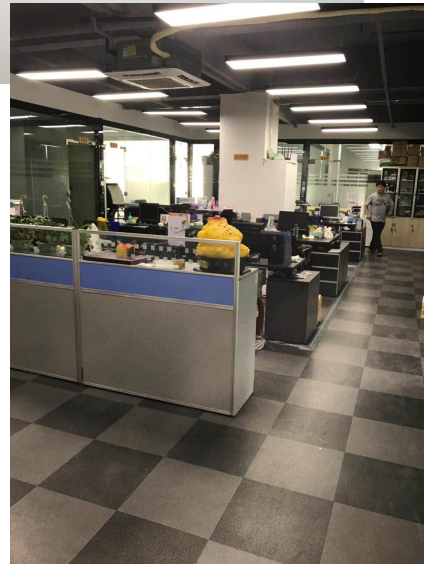


Bluetooth Audio Product Portfolio

Professional Bluetooth Device Manufacturer

Contact: Ms. Pauline
Mobile: +86-18194007101
Email: sales@panoramatech.net

About Panorama Tech



- Panorama Tech Co.ltd is a professional manufacturer of Electronic accessories and digital products, with 4 production lines. We have engaged in this business since 2006.
- Main product lines cover Bluetooth headset, Bluetooth speaker, etc.
- Quality assurance, competitive prices as well as ready-to-ship stock-in-hand are the hallmarks of our continuous success in this field.

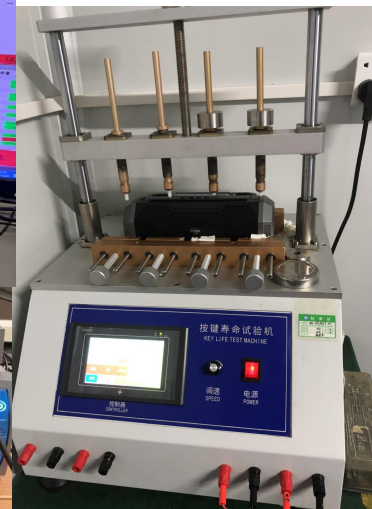
About Panorama Tech



- End to end manufacturing factory ensures short delivery time, and professional staff with years of experience in IT industry enables us to provide more values for our customers.
- Quality products, competitive quotes, responsible after-sales policy, as well as our quick and continued response to our customer's needs give our loyal customers the long-term confidence on the cooperation with us.
- Main customers are from North & South American, Europe and Gulf countries.

Assembling & Testing Line

- End-to-end strict industrial processes and international management standard, to make sure the stable quality control.
- Four production lines for assembling and testing, 130 employees.





G69 Hybrid

**HI-FI Stereo Sound; ANC+Hybird ENC(6 mics), HI-FI Stereo;
Ergonomic comfort wearing,24 Hours playing time; Support
Google or Siri**

ANC+6 Mics noise reduction,

ANC: -45dB

ENC: -22dB

Bluetooth Version: V5.4+EDR

Chipset: JL7016

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 350MAH for charging box/ 40Mah for earbuds

Playtime(60% volume): 6Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life



PB-TWS01

**HI-FI Stereo Sound quality TWS headsets,
ANC+4 Mic ENC, 2000mAh Power Bank with lighting & type C
charging cable(can charge for phone) 125 Hours playing
time(with charging case) Support Google or Siri**

ANC: -32dB

ENC: -22dB



Bluetooth Version: V5.4+EDR

Chipset: AB5632E

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 2000MAH for charging box/30mah for earbuds

Playtime(60% volume): 5Hours

Power bank with USB cable for Type C and Lightning cable.



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life

G68 Hybrid



**ANC+Hybird ENC(6 mics);
HI-FI Stereo Half In ear, ,
30 Hours playing time (with charging case)**

Chipset:

ANC: -45dB

ENC: -35dB



Bluetooth Version: V5.4+EDR

Chipset: JL7016G8

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 13mm

Sensitivity: 110+/-3DB

Battery: 400MAH for charging box/40mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life



G31 Hybrid



ANC+Hybird ENC(6 mics);

HI-FI Stereo

40 Hours playing time (with charging case)

Chipset:

ANC: -45dB

ENC: -35dB

Bluetooth Version: V5.4+EDR

Chipset: JL7016G8

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 13mm

Sensitivity: 110+/-3DB

Battery: 500MAH for charging box/50mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life

G43



**Touch LCD display TWS; ANC+ENC(by software);
HI-FI Stereo
12 Hours playing time (with charging case)
ANC: -28dB**

Bluetooth Version: V5.4+EDR

Chipset: JL7003 earbuds

Chipset: JL7014 charging case

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 250MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life

G45



**Touch LCD display TWS; ANC + 4Mics ENC;
HI-FI Stereo**

35 Hours playing time (with charging case)

ANC: -35dB

ENC: -25dB

Bluetooth Version: V5.4+EDR

Chipset: JL7003 earbuds

Chipset: JL7014 charging case

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 470MAH for charging box/ 50mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life



G18

ANC + 4Mics ENC;
HI-FI Stereo
40 Hours playing time (with charging case)
ANC: -30dB
ENC: -28dB



Bluetooth Version: V5.4+EDR
Chipset: JL7003 earbuds
Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP
Material: ABS
Driver Size: ϕ 10mm
Sensitivity: 110+/-3DB
Battery: 470MAH for charging box/ 40mah for earbuds
Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life



G19

ANC + 4Mics ENC;
HI-FI Stereo
30 Hours playing time (with charging case)
ANC: -28dB
ENC: -22dB



Bluetooth Version: V5.4+EDR
Chipset: AB5636 earbuds
Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP
Material: ABS
Driver Size: ϕ 10mm
Sensitivity: 110+/-3DB
Battery: 300MAH for charging box/ 35mah for earbuds
Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life



G47

ANC + ENC (by software);

HI-FI Stereo

20 Hours playing time (with charging case)

ANC: -25dB

ENC: -20dB



Bluetooth Version: V5.4+EDR

Chipset: JL7003 earbuds

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 13mm

Sensitivity: 110+/-3DB

Battery: 280MAH for charging box/ 35mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life



G32

4Mics ENC;
HI-FI Stereo
18 Hours playing time (with charging case)
ENC: -22dB

Bluetooth Version: V5.4+EDR

Chipset: JL6973

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 13mm

Sensitivity: 110+/-3DB

Battery: 200MAH for charging box/ 40mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



Touch

IPX4

Waterproof



Long battery life

G33



ANC + ENC(by software);
HI-FI Stereo
20 Hours playing time (with charging case)
ANC: -25dB
ENC: -20dB



Bluetooth Version: V5.4+EDR
Chipset: JL7003 earbuds
Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP
Material: ABS
Driver Size: ϕ 13mm
Sensitivity: 110+/-3DB
Battery: 280MAH for charging box/ 35mah for earbuds
Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life

G34



ANC + 4Mics ENC;
HI-FI Stereo
24 Hours playing time (with charging case)
ANC: -34dB
ENC: -25dB

Bluetooth Version: V5.4+EDR
Chipset: AB5636
Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP
Material: ABS
Driver Size: ϕ 10mm
Sensitivity: 110+/-3DB
Battery: 250MAH for charging box/ 30mah for earbuds
Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life

G42



ANC + 4Mics ENC;
HI-FI Stereo
24 Hours playing time (with charging case)
ANC: -34dB
ENC: -25dB

Bluetooth Version: V5.4+EDR
Chipset: AB5636
Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP
Material: ABS
Driver Size: ϕ 10mm
Sensitivity: 110+/-3DB
Battery: 250MAH for charging box/ 30mah for earbuds
Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life



G35

ANC + 4Mics ENC;
HI-FI Stereo
24 Hours playing time (with charging case)
ANC: -34dB
ENC: -25dB



Bluetooth Version: V5.4+EDR
Chipset: AB5636
Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP
Material: ABS
Driver Size: ϕ 10mm
Sensitivity: 110+/-3DB
Battery: 250MAH for charging box/ 30mah for earbuds
Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life

G36

ANC + 4Mics ENC;
HI-FI Stereo
24 Hours playing time (with charging case)
ANC: -34dB
ENC: -25dB

Bluetooth Version: V5.4+EDR

Chipset: AB5636

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 250MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life

G25



ANC + 4Mics ENC;
HI-FI Stereo
24 Hours playing time (with charging case)
ANC: -34dB
ENC: -25dB

Bluetooth Version: V5.4+EDR

Chipset: AB5636

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 250MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life



G20

ANC + 4Mics ENC;
HI-FI Stereo
24 Hours playing time (with charging case)
ANC: -34dB
ENC: -25dB



Bluetooth Version: V5.4+EDR

Chipset: AB5632e

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 250MAH for charging box/ 35mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life



G20E

ANC + 4Mics ENC;
HI-FI Stereo
24 Hours playing time (with charging case)
ANC: -34dB
ENC: -25dB



Bluetooth Version: V5.4+EDR
Chipset: AB5632e
Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP
Material: ABS
Driver Size: ϕ 10mm
Sensitivity: 110+/-3DB
Battery: 250MAH for charging box/ 35mah for earbuds
Playtime(60% volume): 6 Hours



BT 5.4



Stereo



ENC



ANC



Touch

IPX4

Waterproof



Long battery life



TWS14

Sports HI-FI Stereo TWS

IPX5

36 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: JL6973

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

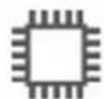
Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 300MAH for charging box/ 80mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



Touch

IPX 5

Waterproof



Long battery life

TWS25



**Sleeping TWS, Unique design, Super Bass Stereo;
36 Hours playing time (with charging case)**

Bluetooth Version: V5.4+EDR

Chipset: JL6973

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

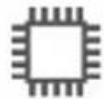
Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 280MAH for charging box/ 25mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life

TWS26



Sports HI-FI Stereo TWS

IPX5

36 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: JL6973

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

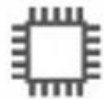
Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 300MAH for charging box/ 80mah for earbuds

Playtime(60% volume): 6 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life



TWS 292

Mini HI-FI Stereo TWS

Sliding Charging case; Nice design

36 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: JL7023

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

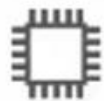
Material: ABS

Driver Size: ϕ 8mm

Sensitivity: 110+/-3DB

Battery: 350MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 5 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life

TWS 520



**Mini HI-FI Stereo TWS;
15 Hours playing time (with charging case)**

Bluetooth Version: V5.4+EDR

Chipset: JL7023

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

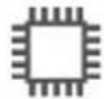
Material: ABS

Driver Size: ϕ 8mm

Sensitivity: 110+/-3DB

Battery: 180MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 5 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life

TWS 292



Mini HI-FI Stereo TWS
20 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: AB5656T

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

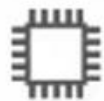
Material: ABS

Driver Size: ϕ 13mm

Sensitivity: 110+/-3DB

Battery: 250MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 5 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life

TWS 09



Mini HI-FI Stereo TWS
20 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: AB5656T

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

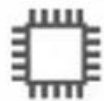
Material: ABS

Driver Size: ϕ 13mm

Sensitivity: 110+/-3DB

Battery: 250MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 5 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life

TWS 34



Mini HI-FI Stereo TWS
20 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: AB5656T

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

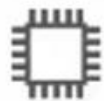
Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 250MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 5 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life

TWS 13



Mini Super Sound Stereo TWS
20 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: AB5656T

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

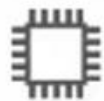
Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 250MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 5 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life

TWS 278

Mini HI-FI Stereo TWS
20 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: AB5656C

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

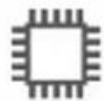
Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 250MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 5 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life



TWS 280

Super Bass Stereo TWS
25 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: AB5656C

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

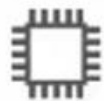
Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 300MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 5 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life

TWS 13

Mini HI-FI Stereo TWS
12 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: AB5656T

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

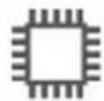
Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 190MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 4 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life



TWS 10

Super Sound Stereo TWS
12 Hours playing time (with charging case)



Bluetooth Version: V5.4+EDR

Chipset: AB5656T

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

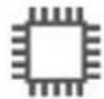
Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 190MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 4 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life

TWS 04L



Super Sound Stereo TWS
12 Hours playing time (with charging case)

Bluetooth Version: V5.4+EDR

Chipset: AB5656T

Profile: HFP/A2DP/AVRCP/AVDTP/SPP/SDP

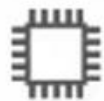
Material: ABS

Driver Size: ϕ 10mm

Sensitivity: 110+/-3DB

Battery: 200MAH for charging box/ 30mah for earbuds

Playtime(60% volume): 4 Hours



BT 5.4



Stereo



Touch

IPX4

Waterproof



Long battery life

Panorama

We are attending IFA, HK HKTDC, China Sourcing Fair each year.

China Sourcing fair/AsiaWorld-Expo:
April. 18--21, 2025 Booth NO: 6R14

China Sourcing fair/AsiaWorld-Expo:
OCT. 11--14, 2025 Booth NO: 1P45

