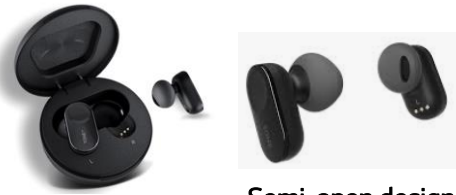


2021 LG TONE (Wireless Earbuds)



Key Message – Perfect Sound for Music and Phone Call

2019



Semi-open design

UVnano

MERIDIAN



Play time



Fast charging
(5min 1hr)



Splash proof

2020



Canal design



Active Noise
Cancellation



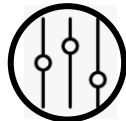
UVnano
(During wired
charging)



Medical Grade
Ear-gels
(W/ Vortex Ribs)



Wireless
charging



Customized
EQ

MERIDIAN



Play time



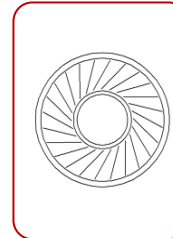
Fast charging
(5min 1hr)



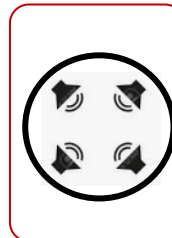
Splash proof

2021

NEW



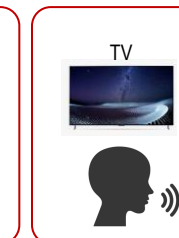
Enhance Sound
(Unit structure, Size)



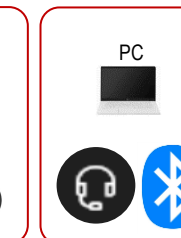
Surround
Sound Effect



Call quality
(3 mic)



Voice Control
(TV)

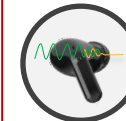


Swift Pair

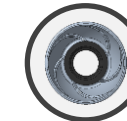
Upgrade



UVnano
(During Wireless
and wired charging)



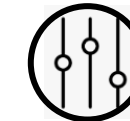
Active Noise
Cancellation



Medical Grade
Ear-gels
(W/ Vortex Ribs)



Wireless
charging



Customized
EQ

MERIDIAN

Upgrade



Play time



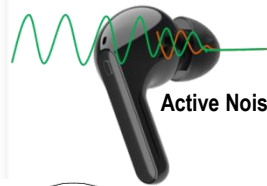
Fast charging
(3min 1hr)



Splash proof

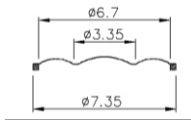
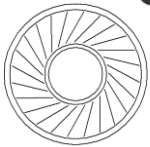
New Premium Features for 2021

Enhanced Sound



Active Noise Cancellation

- Increased ANC performance
- Increased Bass performance
- Enlarge speaker unit size (Ø8)



Enhanced Sound Effect



- Surround Sound
- Meridian Sound EQ
- Customized EQ

Enhanced Call Quality



- Increased call quality with 3 mic (2 Outer + 1 Inner mic)
- Improve call performance with mix algorithm implementation

Enhanced Usage

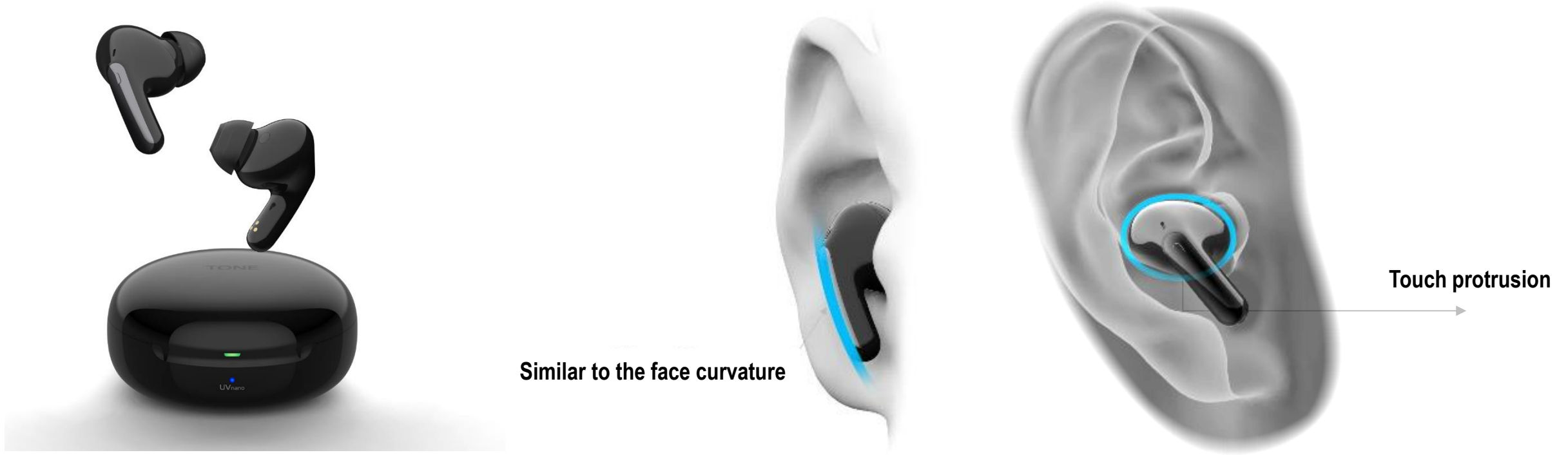


UVnano

- Increase play time
- UVnano active during wireless charging
- Improve fast charging efficiency (5min charging 1hr use)
- Voice Control for LG TV
- Swift Paring with Windows 10

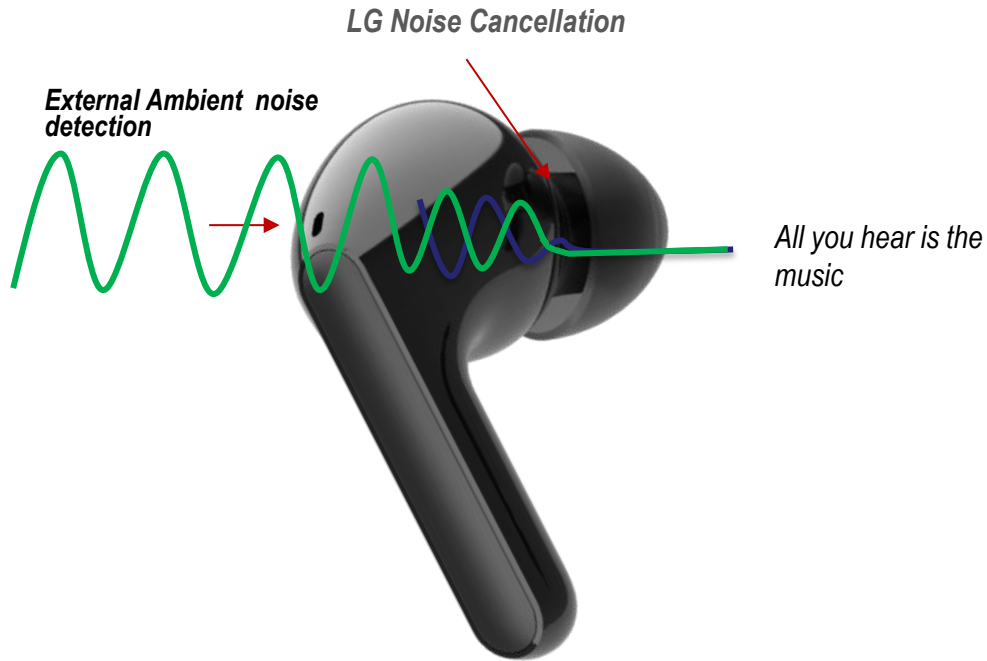
“Concha” optimized design and flexible ear gels that conform to your ear, you can enjoy music longer without even feeling you are wearing earbuds.

- **Optimized design for wearing and comfort**



Creating a more quite personal space to enjoy your audio with both passive and active noise cancellation

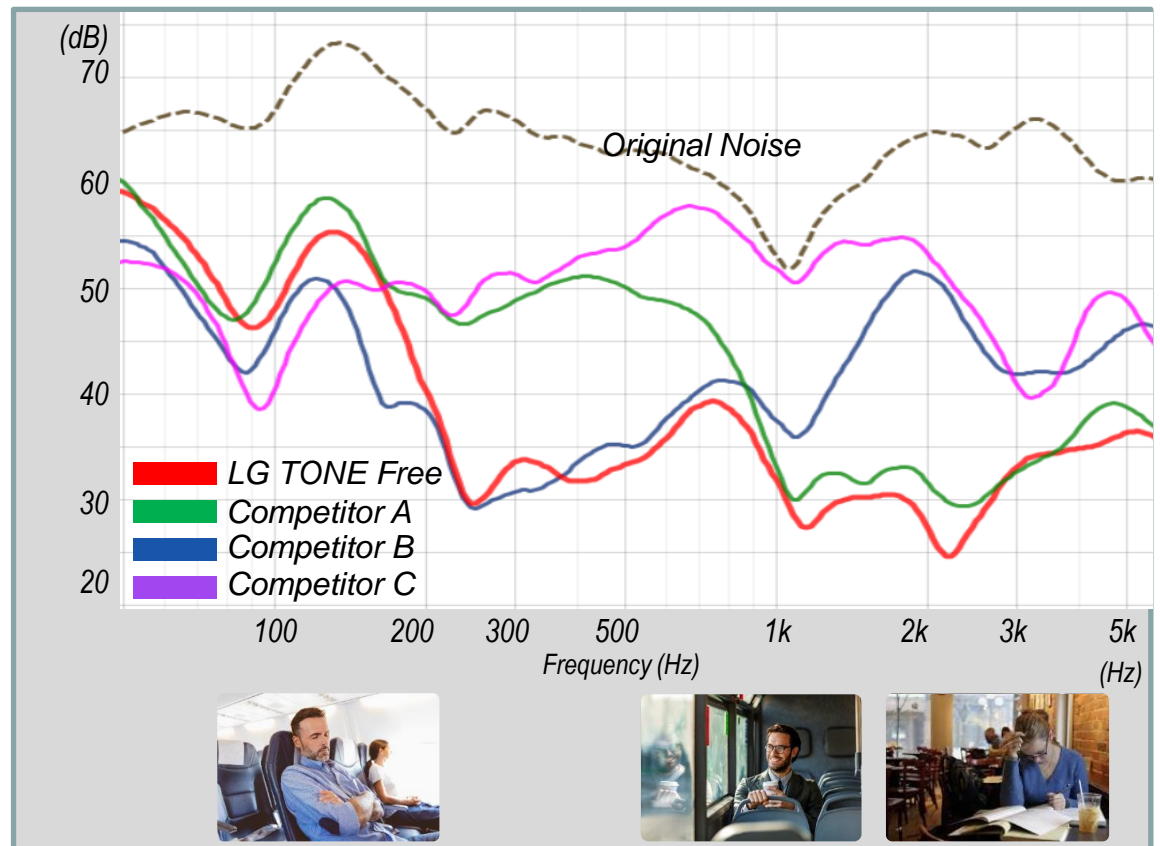
• Active Noise Cancellation



LG's ANC Performance :

- Bass-enhanced driver is good for low frequency noise reduction
- Physically engineered for effective noise capture
- Detects noise internally for better noise reduction

ANC performance across full frequency range is excellent with best of class performance in most noise circumstances



Airplane



Public Transportation

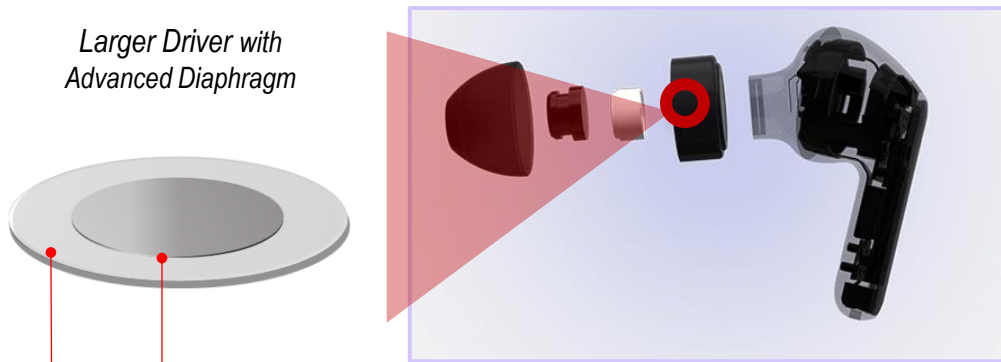


Cafe

Improved Bass with Advanced Driver

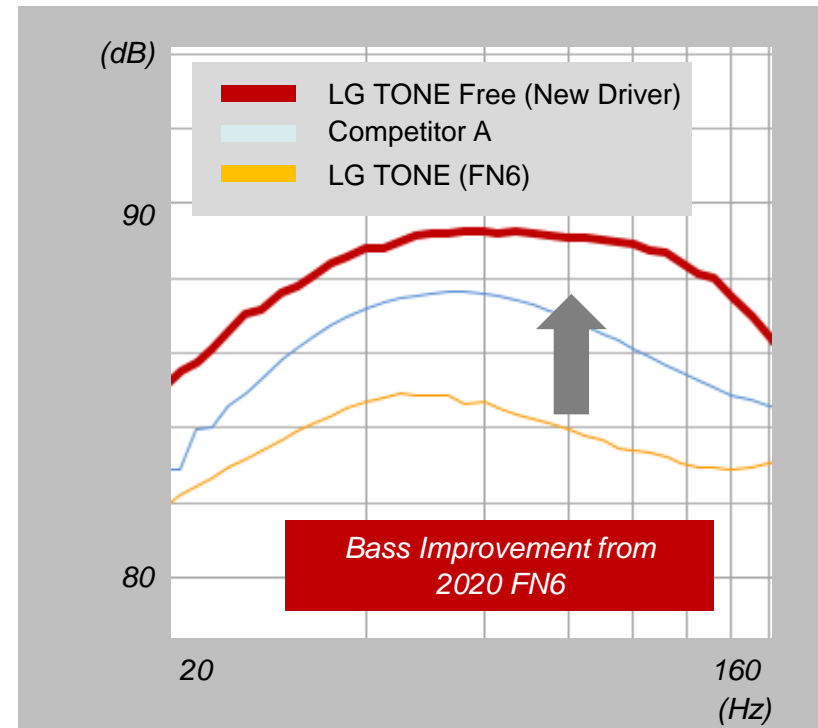
Drivers with added silicon around the edges allow for more motion and more bass.

• Increased Bass Performance



- Silicone edging for increased Bass performance
- Metal Layer for better resolution of the Mid/High frequencies

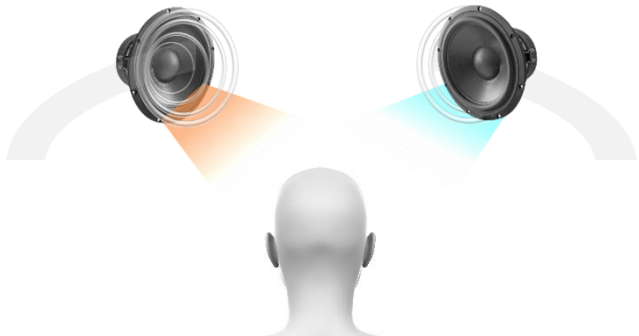
Advanced Driver improves Bass Performance



Transform your video to a more exciting surround sound

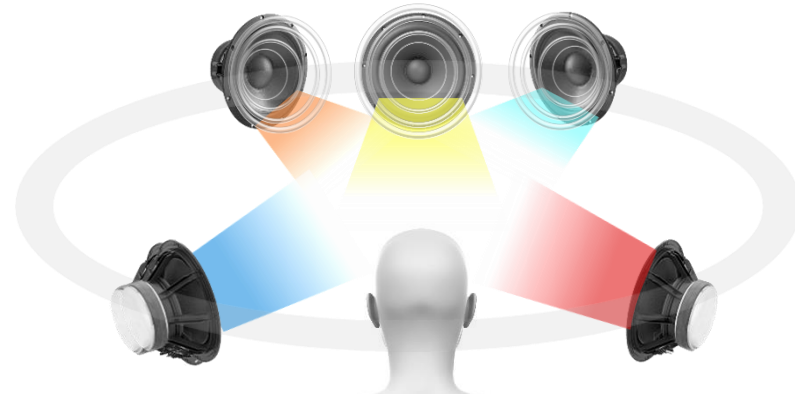
- Optimized sound for your videos

**Video is in Stereo Sound
(2 ch)**



User can select in the TONE Free App. (Surround Sound on/off)

**TONE Free can up-scale the sound to multi-channel audio
(5 ch)**



- Meridian Leading Technology

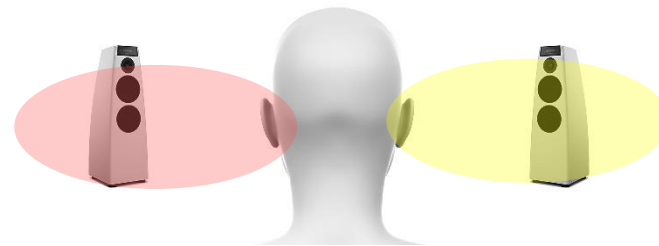
- Headphone Spatial Processing

Meridian brings Headphone Spatial Processing to TONE Free earbuds which deliver more natural sound.

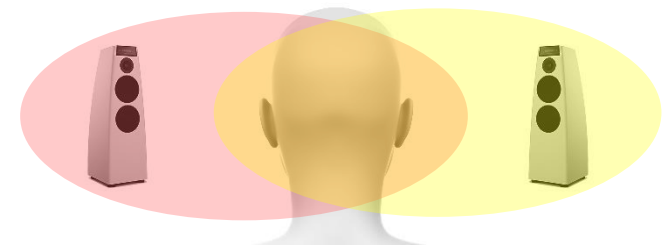


As the pioneers of high resolution audio and masters of Digital Signal Processing (DSP), Meridian has played an integral role in the development and adoption of pioneering technologies.

Without **MERIDIAN** With **MERIDIAN**



Sounds unnatural
Sound directly into your left and right ears only



Sounds natural
Sounds like your listening two speakers in front of you

Microphone inside the ear bud captures inner ear sounds with less Ambient noise

• 3-Mic System

Great Call Clarity



3-Mic System Allows Your Call will be Clearer and more Convenient Everywhere You Are.



Healthy Choice

Models : FP8 / FN7

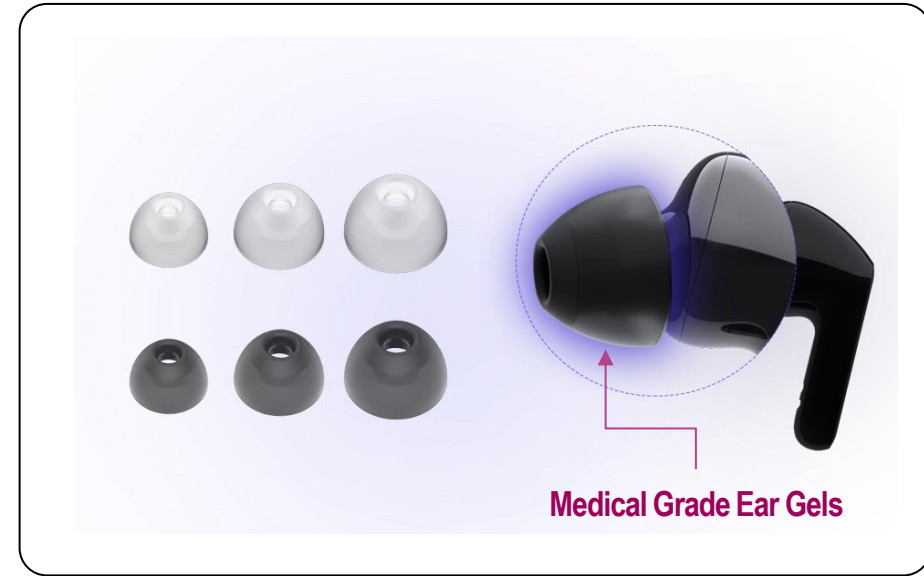
UVnano* LEDs reduce the chance of bacteria on the earbuds, and gels can be hypoallergenic and comfortable.
UVnano is operating during wired and wireless charging (FP8)

- UVnano charging case



According to independent testing conducted 10/2019,
UV LED light built into charging case reduces '*Escherichia coli*' bacteria on tip above 99%
with 10min of UV LED exposure**

- Medical grade silicon ear-gels



Medical Grade Ear Gels allow for proper fit and comfort,
and are hypoallergenic so they reduce the possibilities of irritations or rashes that some
materials can cause,
Plus they are easy to clean.

*UVnano is combination of UV LEDs & nanometer. When using terms related to UVnano such as "Sanitization", "Cleaning", or "Sterilization" please check with your specific regional legal team.

Ambient Sound / Talk Through

Models : FP8 / FP5 / FN7

Ambient sounds are made clearer when users must be aware of dangers surrounding them.
The Talk Through feature allows listeners to have quick conversations without taking them out.

- **Ambient Sound**

Sometimes you need to quickly hear what's going on around you



- **Talk Through (FP8 / FP5)**

Hear human speech clearly while wearing earbuds



LG has built a simple button that allows you to hear what is going on around you for as long as you are pushing it.
This eliminates the need to remove and hold your earbud and then replace it.

Device control (LG TV)

Convenience

Models : FP8 / FP5

Control your LG TV a using your TONE Free



Right earbuds
"One Touch"

Ideal for those that don't want to use the always on microphones built into the 2020 LG TVs



- Volume
"Volume up / down"
"Turn the volume to 15"
- Channel
"Channel up/down"
"Go to channel N"
"Turn to 000"
- Search
"Find movies with Tom Cruise"

And so much more...

Compatibility

•LG TV : 2020 Models (UHD↑, BT/Wi-Fi Connected)
Web OS 5.0 above

2021 TONE Features by Model

		HBS-FN7	TONE-FP8	TONE-FP5
Sound Quality	Active Noise Cancellation	●	●	●
	Speaker Unit	Dynamic 6Φ	Dynamic 8Φ	Dynamic 6Φ
	Surround Sound	•	●	•
	Meridian Sound	●	●	•
	Codec	SBC, AAC	SBC, AAC, apt-X	SBC, AAC
MIC System		3MIC*	3MIC	3 MIC*
Health	UVnano	● (During Wired charging)	● (During Wired & Wireless charging)	•
	Medical Grade Silicon Ear Gels with Vortex Ribs	●	●	•
Ambient Sound		●	●	●
Talk Through		•	●	●
Connectivity	Easy pairing (LG mobile Only)	●	●	●
	Multi Paring	●	●	●
	Swift Pairing	●	●	●
Convenience	TV Control	•	●	●
	IPX Rating	IPX4	IPX4	IPX4
Battery Life (ANC Off)	Ear buds	7Hours	10Hours (TBD)	8Hours (TBD)
	With Charging Case	21Hours	24Hours (TBD)	24Hours (TBD)
Charging	Fast Charging	● (5min 1hr)	● (5min 1hr)	● (5min 1hr)
	Wireless Charging	●	●	•
Accessory	Charging cable	● (100cm)	● (50cm)	•

* The inner MIC cancels out unwanted noise when turn on the ANC function(FN7/FP5)



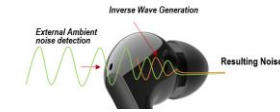
“Best music listening and calling performance in your surroundings”



Design	Balanced design (Canal)
Sound solution	Meridian
ANC	Hybrid ANC (Feed Back + Feed Forward)
Call	3 MIC
Health	UVnano, Medical Grade silicon ear-gels
Paly time (earbuds/With cradle)	10hr / 24hr(TBD)
Voice Command	Google / Siri
Water resistant	IPX4
Convenience	Ambient Sound, Talk Through, Fast charging, Wireless charging

Active Noise Cancellation

Creating a more quite personal space
To enjoy audio with hybrid ANC



Premium LG Meridian Sound

Meridian technology delivers natural and authentic sound



- Closer to the original recording with Digital Signal Processing solution
- ASP (Analogue Spatial Processing) : Extends the sound stage
- MDDS (Meridian Digital Dither Shaping) : Digital noise reduction

3 Mic system for better call clarity

Microphone inside the earbuds capture inner ear sound with less ambient noise

UVnano and health

UVnano* LEDs reduce bacteria on eatbuds
Medical grade ear-gels are hypoallergenic and comfortable



Convenient experience

IPX4 sweat & water resistant
Ambient sound / Talk through mode supported
Wireless charging / Fast charging / Google fast pairing



• UVnano is a compound word derived from the words UV and its unit, nanometer



“ Best cost-effective wireless earbuds with ANC ”

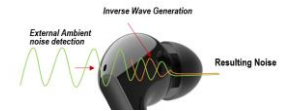


Design	Balanced design (Canal)
ANC	Hybrid ANC (Feed Back + Feed Forward)
Sound solution	Meridian
MIC System	3MIC*
Paly time (earbuds/With cradle)	8hr / 24hr(TBD)
Voice Command	Google / Siri
Water resistant	IPX4 (TBD)
Convenience	Ambient Sound, Talk Through, Fast charging

* The inner MIC cancels out unwanted noise when turn on the ANC function(FN7/FP5)

Active Noise Cancellation

Creating a more quite personal space
To enjoy audio with hybrid ANC



Enhanced Bass sound

Bass enhancement speaker unit driver

Balanced earbuds, Compact cradle

Comfortable and Stable Earbuds
Compact Size Cradle



Convenient experience

IPX4 sweat & water resistant
Ambient sound / Talk through mode supported
Fast charging / Google fast pairing

