LET THE MUSIC PLAY.

HEADPHONES & DIGITAL AUDIO PLAYER 2017
**Hi-Res Audio Headphones**

**MASTER1**
- **Type:** Dynamic open headphones (front closed, back open)
- **Driver units:** ø 50 mm (neodymium magnet)
- **Frequency response:** 5 Hz to 85,000 Hz
- **Max. capacity:** 1,500 mW
- **Impedance:** 48 ohms
- **Cable:** 3.0 m OFC strand
- **Connection:** ø 6.3 mm, standard stereo plug (gold-plated contacts)
- **Sensitivity:** 94 dB
- **Weight:** 460 g (without cable and tie rod)
- **Accessories:** Tie rod A: ø 1.6 mm
  Tie rod B: ø 2.0 mm

**BALANCED XLR CABLE JCA-XLR30M** (SOLD SEPARATELY)
A balanced XLR cable is sold separately for MASTER1, which is perfectly suited for use with a headphone amplifier and delivers superior sound quality. The cable has XLR connectors made by Neutrik. Both connectors are gold-plated to prevent loss of contact.

**MONITOR5**
- **Type:** Dynamic closed headphones
- **Driver units:** ø 50 mm cellulose nano-fibre broad spectrum drivers
- **Frequency response:** 5 Hz–85 kHz
- **Max. capacity:** 1,000 mW
- **Impedance:** 40 ohms
- **Sensitivity:** 99 dB
- **Cable:** High conductivity, low-ohm copper core wires
  3 m two-wire braided cable (asymmetrical)
  1.6 m two-wire braided cable (asymmetrical)
  1.6 m two-wire braided cable (symmetrical)
- **Connections:** Gold-plated 3.5 mm 3-pin stereo connector
  Gold-plated 2.5 mm 4-pin stereo connector
  Gold-plated 3.5 connectors for L / R channels
- **Architecture:** Base and housing made of magnesium alloy
  Progressive dual-chamber construction
  Full-frame magnesium alloy cage with screws
- **Weight:** 480 g (without cables)
- **Accessories:** Cable 1: asymmetrical cable (OFC strand wire) 1.6 m
  Cable 2: asymmetrical cable (OFC strand wire) 3.0 m
  Cable 3: symmetrical cable (OFC strand wire) 1.6 m
  2x ear pads (polyurethane / leather finish)
  Carry bag
  Gold-plated 3.5 to 6.3 mm plug adapter
Source of inspiration, excitation of the senses. Experience hi-res with the Pioneer digital audio players.
HI-RES AUDIO HEADPHONES

**HRP-305 HI-RES POWER PACK**

The perfect combination
Experience high-resolution audio with the XDP-30R digital audio player and the SE-CH5BL in-ear headphones.

Perfect for hi-res audio
Playback of FLAC, WAV, ALAC, AIFF and MQA files with up to 192 kHz/32-bit. Optional hi-bit upsampling to 192 kHz/32-bit.

Wi-Fi & Bluetooth
5 GHz/2.4 GHz Wi-Fi for interruption-free streaming with minimised dropouts. Bluetooth transmission for playback on music systems, in the car or using portable Bluetooth speakers.

Audio components of the highest quality
SABRE ES9018C2M digital-analogue converter twin configuration with dual-channel amplifiers for the best possible signal processing.

Symmetrical output
BTL mode to amplify the drive power and ACG mode to optimise the sound purity and spatial dimension.

Colours:

**SE-MHR5**

- Hi-res audio on-ear headphones
- Newly developed 40 mm high-performance drivers for balanced sound
- Perfectly balanced acoustics and optimum passive sound insulation
- 2-way folding mechanism
- Ear pads with memory foam urethane padding and comfortable headband.
- Removable standard 3.5 mm cable and symmetrical 2.5 mm 4-pin cable in the package contents
- Carry bag in the package contents
- Closed headphones
- Frequency response 7 – 50,000 Hz
- Impedance 45 ohms
- Max. capacity 1000 mW
- Max. efficiency 102 dB
- 3.5 mm jack (gold plated)
- Weight 240 g (without cables)

**Hi-res audio**
Developed for the playback of hi-res audio files such as DSD, MQA or FLAC. The finest sound details are reproduced thanks to the extremely broad frequency range.

**Aluminium design**
Made of premium materials for the best performance in a stylish design with aluminium accents.

For free:
SE-CH5BL hi-res audio headphones with balanced jack
Hi-Res Audio Headphones

**SE-MS7BT**
- Comfortable hi-res over-ear audio headphones in aluminium design
- Hi-res audio compatible 40 mm drivers
- Maximum sound resolution and attention to detail
- Integrated speakerphone function
- Additional cable with multifunction headset
- Built-in Bluetooth aptX NFC
- One-touch pairing with smartphone (multi-pairing with up to 8 devices)
- Lithium-ion battery, 12-hour runtime, 4-hour charging time
- Frequency response 9 - 22,000 Hz (Bluetooth)
- Frequency response 9 - 40,000 Hz (cable)
- Impedance 32 ohms
- Max. capacity 1000 mW
- Max. efficiency 98 dB
- Grooved 3.5 mm jack cable (gold-plated)
- Weight 290 g

**SE-MS5T**
- Hi-res audio over-ear headphones with comfortable padding
- Hi-res audio compatible 40 mm drivers
- Maximum sound resolution and attention to detail
- Cable with multifunction headset
- Frequency response 9 – 40,000 Hz
- Impedance 32 ohms
- Max. capacity 1000 mW
- Max. efficiency 98 dB
- Grooved 3.5 mm jack cable (gold-plated)
- Weight 230 g

**SE-CH9T**
- Broad spectrum 9.7 mm hi-res audio drivers
- Full aluminium driver housing
- Airflow control port for better signal separation
- Over-the-ear cable design
- Removable cable with MMCX connection
- Frequency response 5 – 50,000 Hz
- Impedance 26 ohms
- Max. capacity 100 mW
- Max. efficiency 108 dB
- 3.5 mm stereo jack
- Weight 7 g (without cables)

**SE-CH5T**
- Broad spectrum 9.7 mm hi-res audio drivers
- Airflow control port for better signal separation
- Over-the-ear cable design
- Frequency response 8 – 45,000 Hz
- Impedance 26 ohms
- Max. capacity 100 mW
- Max. efficiency 108 dB
- 3.5 mm stereo jack
- Weight 7 g (without cables)
RAYZ™ The perfect appcessory for your phone

The first intelligent in-ear headphones with app control

RAYZ PLUS
- Closed in-ear headphones with dynamic noise compensation
- 9.2 mm high-performance drivers
- Frequency response 10 – 22,000 Hz
- Lightning plug for connection to iPhone/iPad/iPod
- Lightning jack (for charging iOS devices)
- Individually configurable with the Rayz App
- 6 pairs silicone earplugs in the package contents
- 3 pairs Comply™ foam earplugs in the package contents
- Weight 5 g (without cables)

Colours:
RAYZ PLUS
- Gold
- Bronze
- Black

RAYZ
- Closed in-ear headphones with dynamic noise compensation
- 9.2 mm high-performance drivers
- Frequency response 10 – 22,000 Hz
- Lightning plug for connection to iPhone/iPad/iPod
- Individually configurable with the Rayz App
- 6 pairs silicone earplugs in the package contents
- Weight 5 g (without cables)

Colours:
RAYZ
- White
- Black

Hey Siri
Rayz Lightning headphones are the first to automatically recognize “Hey Siri” commands to simply make a call, send a message, listen to music and much more.

Powered by Lightning
Less energy consumption than any other Lightning headset. Comparison based on same mode of operation.

Talk & Charge
The only earphone that allows you to talk and charge while plugged into the Lightning port. (Rayz Plus only)
The first intelligent Lightning conference speaker

RAYZ RALLY

- Portable conference speaker
- Special 30 mm driver unit
- Frequency response 100 – 20,000 Hz
- Lightning plug for connection to iPhone/iPad/iPod
- Lightning jack (for charging iOS devices and to connect to a PC/Mac)
- Weight 70 g

Colours:

RAYZ Rally

HearThru™ mode
Rayz' HearThru mode passes ambient sounds through your noise cancelling, for greater awareness of your environment. Everything from the honking car, to the barista calling your name.

Smart Button
With one touch, bring up your favorite app, mute/unmute calls, or launch the Rayz controls. It's the easiest way to get to the things you love.

RAYZ app
Customize your earphone and smart button settings. Software updates are delivered automatically, bringing new features and capabilities.
SE-E7BT
- Dynamic 9 mm drivers with deep bass
- Built-in Bluetooth (version 4.1, codecs: SBC, AAC, aptX)
- Adapts to any ear thanks to the unique “3D Active Fit” technology
- Choice of 2 ear attachment methods for the desired fit
- Ergonomic earpieces and secure ear hooks in 3 sizes for any ear size
- Playback time up to 7 hours
- Perspiration-resistant and water-repellent (IPX4)
- Frequency response 5 – 22,000 Hz
- Impedance 14 ohms
- Max. capacity 100 mW
- Max. efficiency 100 dB
- Weight 2 g

Colours: SE-E7BT(H) SE-E7BT(Y) SE-E7BT(R)

SE-E5T
- Dynamic 9 mm drivers with deep bass
- Cable with integrated headset for smartphones
- Adapts to any ear thanks to the unique “3D Active Fit” technology
- Choice of 2 ear attachment methods for the desired fit
- Ergonomic earpieces and secure ear hooks in 3 sizes for any ear size
- Playback time up to 7.5 hours
- Perspiration-resistant and water-repellent (IPX4)
- Frequency response 5 – 23,000 Hz
- Impedance 14 ohms
- Max. capacity 100 mW
- Max. efficiency 100 dB
- Weight 4 g

Colours: SE-E5T(H) SE-E5T(Y) SE-E5T(R)

SE-E3BVB
- BVB fan headphones especially for an active lifestyle, recreation & sports
- Broad spectrum 10mm drivers
- Over-the-ear cable design with soft elastomer earpiece
- IPX2 splash-proof
- Frequency response 8 – 22,000 Hz
- Impedance 16 ohms
- Max. capacity 100 mW
- Max. efficiency 100 dB
- 3.5 mm stereo jack
- Weight 16 g (without cables)

Thanks to the perspiration-resistant and splash-proof (IPX2) design, running in light rain with these sport headphones is no problem. From an outdoor training session to a unit in the fitness studio, you can always motivate yourself with your favourite songs during workouts.
SE-CL5BT

- Closed active in-ear headphones
- Dynamic 9.2 mm drivers
- Integrated clip for simple and secure attachment
- Built-in Bluetooth (version 4.1, profiles: A2DP, AVRCP, HFP, HSP)
- Multi-pairing up to 2 devices
- Cable with integrated headset for smartphones
- Up to 8 hours interruption-free playback time
- Perspiration-resistant and water-repellent (IPX4)
- Frequency response 8 – 20,000 Hz
- Impedance 16 ohms
- Max. capacity 100 mW
- Max. efficiency 100 dB
- 3.5 mm stereo jack
- Weight 16 g (without cables)

SE-E3

- Broad spectrum 10mm drivers
- Over-the-ear cable design with soft elastomer earpiece
- IPX2 splash-proof
- Especially for an active lifestyle, recreation & sports
- Frequency response 8 – 22,000 Hz
- Impedance 16 ohms
- Max. capacity 100 mW
- Max. efficiency 100 dB
- 3.5 mm stereo jack
- Weight 16 g (without cables)

SE-E711T

- Hybrid BassHead series headphones as in-ear clip solution
- Cable with integrated headset for smartphones
- 10 mm drivers for powerful, dynamic sound
- Especially for an active lifestyle, recreation & sports
- Frequency response 8 – 20,000 Hz
- Impedance 32 ohms
- Max. capacity 100 mW
- Max. efficiency 106 dB
- Extremely lightweight
SE-MJ771BT

- Extremely lightweight on-ear headphones from the BassHead series
- Dynamic 40 mm drivers
- Built-in Bluetooth aptX and NFC
- One-touch pairing with smartphone (multi-pairing with up to 8 devices)
- Integrated speakerphone function
- High-gloss design
- Long-life lithium-ion battery (32 hour runtime)
- Collapsible design
- Frequency response 6 – 28,000 Hz
- Impedance 32 ohms
- Max. capacity 1,000 mW
- Max. efficiency 105 dB
- USB & 3.5 mm jack cable in the package contents
- Weight 215 g

Colours:
SE-MJ771BT-W  SE-MJ771BT-K

SE-MJ561BT

- On-ear headphones made of aluminium
- 40 mm drivers for rich sound
- Built-in Bluetooth and NFC
- Bluetooth one-touch connection (multi-pairing with up to 8 devices)
- Integrated speakerphone function
- Battery with quick-charge function and 15-hour runtime
- Frequency response 9 – 22,000 Hz
- Impedance 40 ohms
- Max. capacity 30 mW
- Max. efficiency 109 dB
- Weight 160 g

Colours:
SE-MJ561BT-W  SE-MJ561BT-K

SE-MJ553BT

- Extremely lightweight on-ear headphones
- Dynamic 40 mm drivers
- Built-in Bluetooth
- Multi-pairing with up to 8 devices
- Lithium-ion battery with 15 hour runtime and 4 hour charging time
- Integrated speakerphone function
- Collapsible design
- Frequency response 10 – 22,000 Hz
- Micro USB cable in the package contents
- Weight 170 g

Colours:
SE-MJ553BT-R  SE-MJ553BT-W  SE-MJ553BT-K
SE-MJ722T
- On-ear headphones optimised for smartphones with ribbon cable and multifunctional headset
- 40 mm drivers for rich sound
- Collapsible design
- Frequency response 6 – 40,000 Hz
- Impedance 32 ohms
- Max. capacity 1,000 mW
- Max. efficiency 101 dB
- Weight 190 g

Colours:
- SE-MJ722TK
- SE-MJ722TR
- SE-MJ722TW

SE-MJ503 / SE-MJ503T
- Pure Sound headphones with 30 mm drivers
- Wide, padded headband with comfortable ear pads
- Collapsible design with swivel joints
- Double-sided cable feed
- T-model with headset function for smartphones
- Frequency response 10 – 24,000 Hz
- Impedance 32 ohms
- Max. capacity 500 mW
- Max. efficiency 100 dB
- Weight 126 g

Colours:
- SE-MJ503T-W
- SE-MJ503TK
- SE-MJ503TW
- SE-MJ503K
- SE-MJ503R
- SE-MJ503G

SE-CL722T
- In-ear headphones with premium aluminium design
- 8 mm high-performance drivers for rich sound
- Extremely lightweight design for ultimate comfort
- Ribbon cable with integrated headset for smartphones
- Frequency response 5 – 22,000 Hz
- Impedance 16 ohms
- Max. capacity 100 mW
- Max. efficiency 100 dB
- Weight: 9 g

Colours:
- SE-CL722TK
- SE-CL722TL
- SE-CL722TR
- SE-CL722TW

SE-CL712T
- Ultra-lightweight in-ear headphones
- 10 mm drivers for powerful, dynamic sound
- Ribbon cable with integrated headset for smartphones
- Durable rubberised surface
- Frequency response 5 – 22,000 Hz
- Impedance 32 ohms
- Max. capacity 100 mW
- Max. efficiency 105 dB
- Weight: 4 g

Colours:
- SE-CL712TK
- SE-CL712TP
- SE-CL712TW
- SE-CL712TL
- SE-CL712TR

SE-CL502 / SE-CL502T
- Closed headphones
- Frequency response 20-20,000 Hz
- Impedance 16 ohms
- Max. capacity 100 mW
- Max. efficiency 100 dB
- 3.5 mm jack connection (gold plated)
- Cable length 1.2 m
- Weight: 4 g
- Inline headset for smartphones* (T-model in black, white, blue, pink)

Colours:
- SE-CL502K
- SE-CL502W
- SE-CL502L
- SE-CL502P
- SE-CL502R
- SE-CL502M
- SE-CL502G
SE-M531 / SE-M521

- Optimised for TV, DVD and Blu-ray playback
- Powerful rare earth magnet with CCAW (copper-clad aluminium wire) voice coil for greater dynamics and crystal clear sound (SE-M531)
- Extremely wide frequency range represents the finest sound details
- Large-volume 40 mm drivers for powerful bass reproduction
- Very comfortable to wear due to soft padding
- Extra long 5 m cable
- Frequency response 7 – 40,000 Hz
- Impedance 32 ohms
- Max. capacity 1500 mW (SE-M531)
- Max. capacity 1200 mW (SE-M521)
- Max. efficiency 100 dB
- 3.5 mm jack connection (gold plated)
- Weight 215 g (without cables) (SE-M531)
- Weight 220 g (without cables) (SE-M521)

SE-M631TV

- Comfortable on-ear TV headphones with volume control
- Mono/stereo switch
- Balanced sound thanks to 40 mm high/midrange drivers
- Very comfortable to wear due to soft padding
- Extra long 5 m cable
- Closed dynamic headphones
- Frequency response 8 – 25,000 Hz
- Impedance 32 ohms
- Max. capacity 1,000 mW
- Max. efficiency 98 dB
- Weight 155 g (without cables)

SE-A611TV

- Lightweight on-ear TV headphones with volume control
- Mono/stereo switch
- Balanced sound thanks to 40 mm high/midrange drivers
- Extra long 5 m cable
- Frequency response 18 – 21,000 Hz
- Impedance 32 ohms
- Max. capacity 100 mW
- Max. efficiency 96 dB
- Weight 78 g (without cables)

SE-CL621TV

- Lightweight on-ear TV headphones with volume control
- Balanced sound thanks to 8 mm drivers
- Extra long 5 m cable
- Gold-plated connector
- Frequency response 10 – 22,000 Hz
- Impedance 32 ohms
- Max. capacity 100 mW
- Max. efficiency 102 dB
- Weight 4 g (without cables)