

TG 1000 DIGITAL WIRELESS SYSTEM

PROFESSIONAL
AUDIO PRODUCTS
MADE IN GERMANY





TG 1000

DIGITAL

WIRELESS SYSTEM

RELIABLE, FLEXIBLE, FUTURE-PROOF.



319
MHz

319 MHz Switching Bandwidth

One wireless system for the entire world? TG 1000 covers 319 MHz of the UHF band. That's four times more than most of our competitors.

What is TG 1000?

TG 1000 is beyerdynamic's first 24-bit digital wireless system, which covers an impressive 319 MHz of the UHF bandwidth (470–789 MHz). With these two features alone, TG 1000 is a hugely flexible system which can be used in a wide variety of venues worldwide, competently and reliably. Combine this with a wealth of user-friendly features designed to enhance your performance and TG 1000 becomes your go-to wireless system regardless of application.

WORK HARD...



Business

TG 1000 is the ideal wireless system for businesses around the world. It's wireless transmission signal features advanced digital encryption to keep your meetings totally secure. To ensure ease of use, TG 1000 features OneButton Navigation and the intuitive Chameleon Software which is already installed on the receiver. For further information and software-updates: www.beyerdynamic.com/tg1000/help

A new standard in user-friendliness. Intuitive OneButton Navigation. CrystalClear Display with magnificent readability.



OneButton Navigation
Intuitive handling through OneButton Navigation – no more struggling through multiple menus.



Excellent Sound Quality
Finest audio quality is ensured by a trend-setting low latency and high error resilience.



Digital Encryption Technology
TG 1000 comes equipped with digital encryption technology as standard – perfect for confidential use.



6-Channel Cascading
Cascade up to 6 channels without using an external splitter.



CrystalClear Display
Using a OLED display, TG 1000 offers highest contrast and crystal clear readability from every angle.



Monitor & Control
The easy-to-use Chameleon Software runs on any device (PC, Tablet, Smartphone) and operating system (Windows, Linux, iOS, Android etc.) without installation. All you need is an Ethernet interface and a web browser.



Safe long-term investment
Wireless systems are victims of unpredictable frequency changes. Compared to our competitors, TG 1000 is a safe long-term investment. Its bandwidth (470–789 MHz) is due to set a benchmark in the wireless market.

PLAY HARD



Showtime

Ruggedly built and featuring an extremely wide 319 MHz UHF bandwidth, TG 1000 is an ideal product investment for rental companies due to its ability to cater for a large variety of frequency requirements worldwide. Combine this with 24-bit digital converters and a collection of superb interchangeable microphone capsules and it's easy to see the flexibility on offer with the TG 1000 digital wireless system.

Always the perfect sound.

Decades of microphone-building competence at work.



Smart Transmitters

Excellent design with the user in mind: compact shape and transmitter lock functionality – a pleasure to use.



2.1 ms Total Latency

TG 1000 features a total latency of only 2.1 ms, which is trend-setting for digital wireless systems.



300 m Range

TG 1000 achieves an extraordinary line of sight range up to 300 meters!



FastSync

Easy and fast – the TG 1000's FastSync technology allows you synchronisation of receiver and transmitter below one second.



319 MHz Switching Bandwidth

One wireless system for the entire world?
TG 1000 covers 319 MHz of the UHF band.
That's four times more than most of our competitors.



Interchangeable Touring Gear capsules. Because every voice counts.



Interchangeable Microphone Capsules

Five of our current best microphones are available as interchangeable capsules for TG 1000 – including dynamic and condenser types, as well as our unique TG V90 ribbon.

TG V50w

The TG V50w capsule provides discreet, powerful sound and a very good gain before feedback – a real all-rounder, which has set standards as wired variant.

Transducer type: Dynamic
Polar pattern: Cardioid
Recommended application: Vocals: +++ Speech ++

TG V56w

Condenser capsule with a fine resolution for most different applications.

Transducer type: Condenser (electret)
Polar pattern: Cardioid
Recommended application: Vocals: +++ Speech +++

TG V70w

A very good resolved, powerful sound combined with excellent gain before feedback make this capsule first choice when powerful sound is essential on a loud stage.

Transducer type: Dynamic
Polar pattern: Hypercardioid
Recommended application: Vocals: +++ Speech +

TG V90w

The world's only capsule, which can convince as ribbon version on loud stages. Silky clear and discreet sound combined with high gain before feedback and robustness – ideal for demanding touring applications.

Transducer type: Ribbon
Polar pattern: Cardioid
Recommended application: Vocals: +++ Speech +

TG V96w

The strength of this capsule is reproducing subtle nuances naturally. The true condenser features a sound naturalness that has no equal.

Transducer type: True condenser
Polar pattern: Cardioid
Recommended application: Vocals: +++ Speech +++



Easy and fast.

Transmitter synchronisation below one second.



128 dB Dynamic Range

An excellent dynamic range of 128 dB makes the TG 1000 the ideal system for both vocal and instrumental use.



GenuineGuitar

No colouration of your sound or gain loss through wireless systems anymore – thanks to TG 1000's GenuineGuitar technology. Even frequencies as low as 20 Hz are no problem anymore – perfect for guitarists and bass players.



2.1 ms Total Latency

TG 1000 features a total latency of only 2.1 ms, which is trend-setting for digital wireless systems.



300 m Range

TG 1000 achieves an extraordinary line of sight range up to 300 meters!



FastSync

Easy and fast – the TG 1000's FastSync technology allows you synchronisation of receiver and transmitter below one second.



319 MHz Switching Bandwidth

One wireless system for the entire world?
TG 1000 covers 319 MHz of the UHF band.
That's four times more than most of our competitors.



All you need: A wide range of accessories.



WA-CD

The TG 1000 handheld / beltpack transmitter can be recharged within a very short time by using the charger, which is available as an accessory.



Charger with 4 compartments

Up to 2 TG 1000 handheld / beltpack transmitters or 2 TG 1000 handheld transmitters and 4 standard AA rechargeable batteries can be charged simultaneously.



LED display

Simple monitoring of the current charging status due to multi-coloured lights.



Network compatibility

Simple control and integration into an existing media control system.

Make your choice. Touring Gear microphones and headsets.



TG L58c (TG)

Mini condenser lavalier microphone, with 4-pin mini-XLR connector, available in both black and tan.

Transducer type: condenser
Polar pattern: omnidirectional



TG H54c (TG)

Condenser headset microphone, with 4-pin mini-XLR connector, available in both black and tan.

Transducer type: condenser
Polar pattern: cardioid



TG H56c (TG)

Condenser headset microphone, with 4-pin mini-XLR connector, available in both black and tan.

Transducer type: condenser
Polar pattern: omnidirectional



TG H74c (TG)

Condenser headset microphone, with 4-pin mini-XLR connector, available in both black and tan.

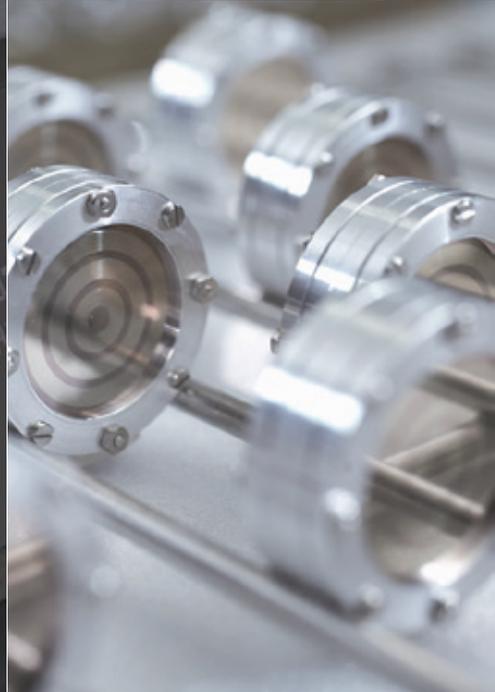
Transducer type: condenser
Polar pattern: supercardioid



TG H75c (TG)

Condenser headset microphone, with 4-pin mini-XLR connector, available in both black and tan.

Transducer type: condenser
Polar pattern: omnidirectional



All you need: A wide range of accessories.



WA-HHA-SHBY

Aluminium adapter for Shure®, DPA®, Heil Sound®, Sony®, Line6® and many more microphone capsules



WA-ATO

Passive omnidirectional wideband antenna, BNC, 470–790 MHz



WA-ATDA

Passive / active logarithmic periodic UHF directional antenna, BNC/TNC, 470–790 MHz



WA-ZAPD1

Passive two-way Combiner 470–1000 MHz used for multiantenna systems



WA-AS6

6-way wideband antenna splitter, BNC connector, 470–790 MHz



WA-AMP

Wideband antenna amplifier, BNC connector, 5dB/ 10dB/ 15dB/ 20dB switchable gain



WA-AC5/WA-AC10/WA-AC25

BNC antenna cable, low attenuation, Aircell 7 cable, available in 5 m, 10 m and 25 m. Also available in other lengths.



WA-CKL

Loop through cable kit for max. 12 TG 1000 receiver



WA-CKF

Rear to front mounting kit



WA-CGI

Instrument cable with 1/4" jack (Neutrik) / 4-pin mini-XLR

TG 1000 Dual Receiver

Operating principle: Digital UHF true diversity receiver

Frequency range:

- Region A: 470–789 MHz
- Region B: 470–698 MHz without 608–614 MHz (US TV channel 37)
- Region C: 690–720 MHz
- Region D: 470–628 MHz and 710–716 MHz
- Region E: 470–714 MHz

Frequency response: 20–20000 Hz

Dynamic range: 116 dB

Output level : max. + 18 dBu balanced (XLR and jack output) 0 to 42 dB gain

Headphone output: switchable with volume control

Total latency: 2.1 ms (from transmitter to receiver)

Encryption & Audio codec : switchable, proprietary encryption; “TriplePlay Codec“ with low latency (1.2 ms) and high error resilience

Display: OLED

Mains connection: 100 V – 240 V AC

Power consumption: 13,8 W (typ.)

Ambient temperature: 0 to +55°C

Weight: 3200 g

Dimensions: 420 x 242 x 43 mm

Antenna connection: 2x BNC input / 2x BNC output

TG 1000 Handheld Transmitter

Operating principle: Digital UHF Handheld Transmitter

Frequency range: same as receiver

Frequency response: 20–20000 Hz

Dynamic range: 116 dB

Encryption & Audio codec : same as receiver

Transmitter power: 10 mW / 50 mW

Display: OLED

Transmission range: up to 300 metres (depends on location)

Operating time: approx. 8 hrs.

Weight: 115 g without batteries and microphone capsule

Dimensions: length 200 mm / Ø 36 mm

TG 1000 Beltpack Transmitter

Operating principle: Digital UHF Beltpack Transmitter

Frequency range: same as receiver

Frequency response: 20–20000 Hz

Dynamic range: 116 dB (128 dB with -12 dB level decrease)

Antenna connection: SMA

Encryption & Audiocodec : same as receiver

Transmitter power: 10 mW / 50 mW

Display: OLED

Transmission range: up to 300 metres (depends on location)

Operating time: approx. 8 hrs.

Input level: max. + 18 dBu

Weight: 102 g without batteries

Dimensions: 94 x 59 x 26 mm

www.beyerdynamic.com/tg1000



Made in Germany

TG 1000 is carefully handcrafted at beyerdynamic's headquarter in Heilbronn, Germany. We manufacture using only the finest mechanical and electronic components and rock solid materials. The receiver housing for example is made of powder-coated steel and aluminium. The transmitters are largely made of light-weight aluminium.

