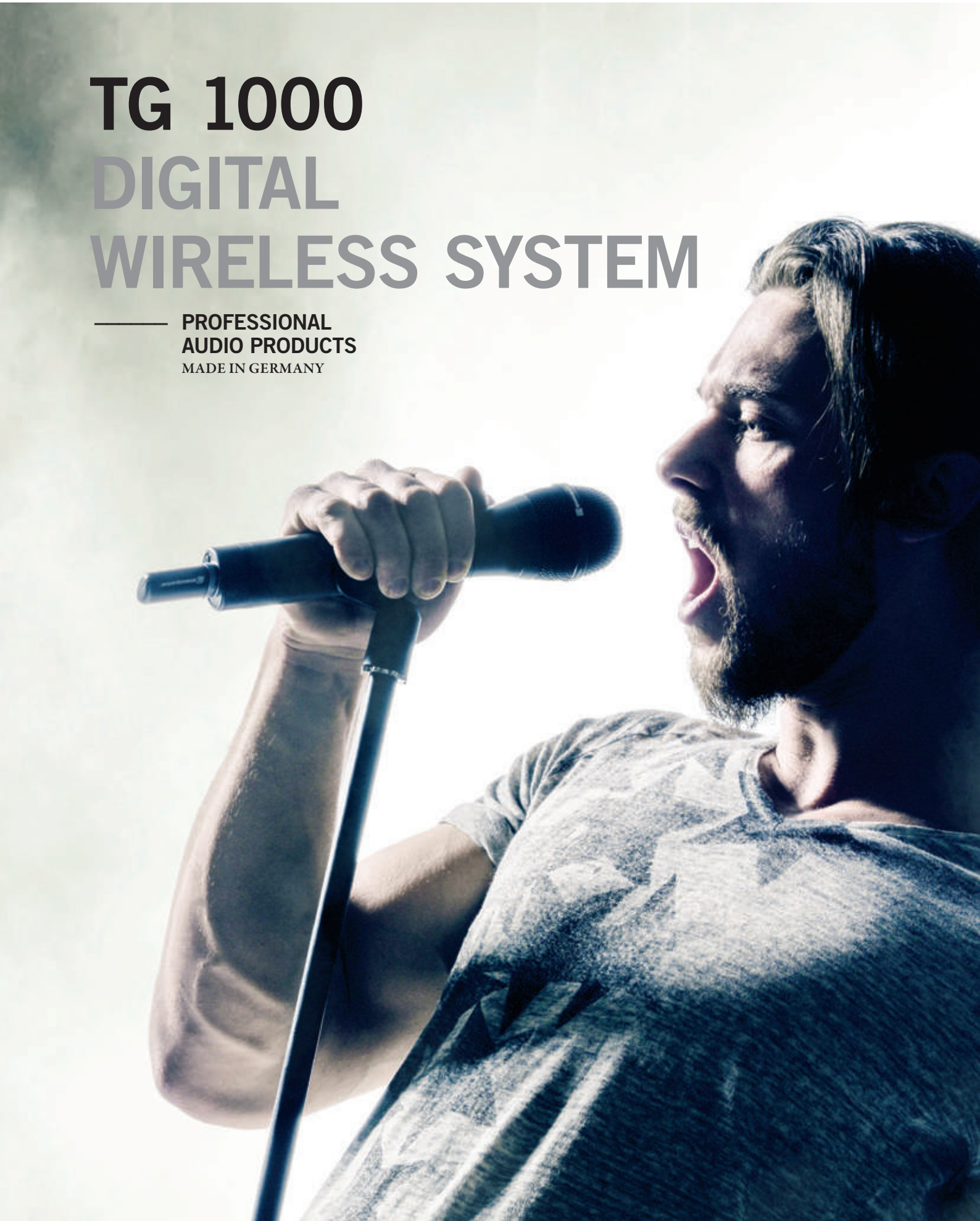
beyerdynamic

TG 1000
DIGITAL WIRELESS SYSTEM

PROFESSIONAL
AUDIO PRODUCTS
MADE IN GERMANY










ch1
fnc
ch2
esc
push ok










beyerdynamic

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

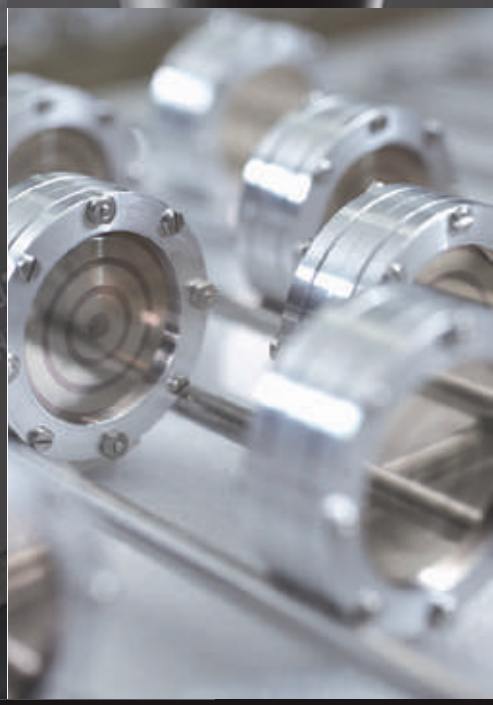


TG H75c (TG)
Condenser headset microphone, with 4-pin mini-XLR connector, available in both black and tan.

Transducer type: condenser
Polar pattern: omnidirectional


Ch1
729.900MHz
GR/CH --/--
Ch2
471.675MHz
GR/CH 01/02
0dB
0dB
G1
G2
G5


beyerdynamic








beyerdynamic
fnc
ch1
esc
ch2
push ok
G1
G2
phones
bypass

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 lenghts.



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)
Headphone output:	0 to 42 dB gain 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.

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