

PG | SM | BETA WIRELESS SYSTEMS





YOUR MICROPHONE. WIRELESS.

You already have your favorite Shure mic and now want it wireless? You always wished for a legendary Shure mic such as the SM58® but with digital wireless technology? You want to replace your wireless system with an original Shure system?

A wide choice of well-known and established microphones out of three different product lines now provides you with all you need. From vocal to instrument, from performance to presenting, from guitar to combined applications.

PG

The most accessible Shure microphones for elevating sound quality.

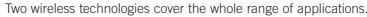
SM

Industry-standard professional microphones for daily touring, club and studio performances.

BETA

Application-specific microphones engineered for reproduction of fine details in demanding acoustic environments.

ANALOG AND DIGITAL WIRELESS TECHNOLOGIES





The **Digital Wireless System** offers best-in-class automatic frequency management and battery rechargeability. Providing seamless operation and exceptional digital audio clarity, it's the complete package designed for years of reliable performance. Especially for guitarists there is a digital receiver with integrated tuner to mount on the guitar pedal board.

SHURE DIGITAL POWER MANAGEMENT



Digital Wireless Systems provide **Shure Digital Power Management** with multiple charging solutions. Custom lithium ion batteries provide up to 16 hours of continuous transmitter use. Staying ready for the show has never been simpler.

AUTOMATIC FREQUENCY MANAGEMENT

Digital Wireless Systems feature **LINKFREQ**, an Automatic Frequency Management, making it easy to rely on seamless, crystal-clear audio.

- The receiver continuously analyses the available frequency spectrum.
- The receiver and transmitter automatically link using the best set of available frequencies.
- If interference occurs, the receiver and transmitter intelligently move together to the best open frequencies, without ANY audio interruption.

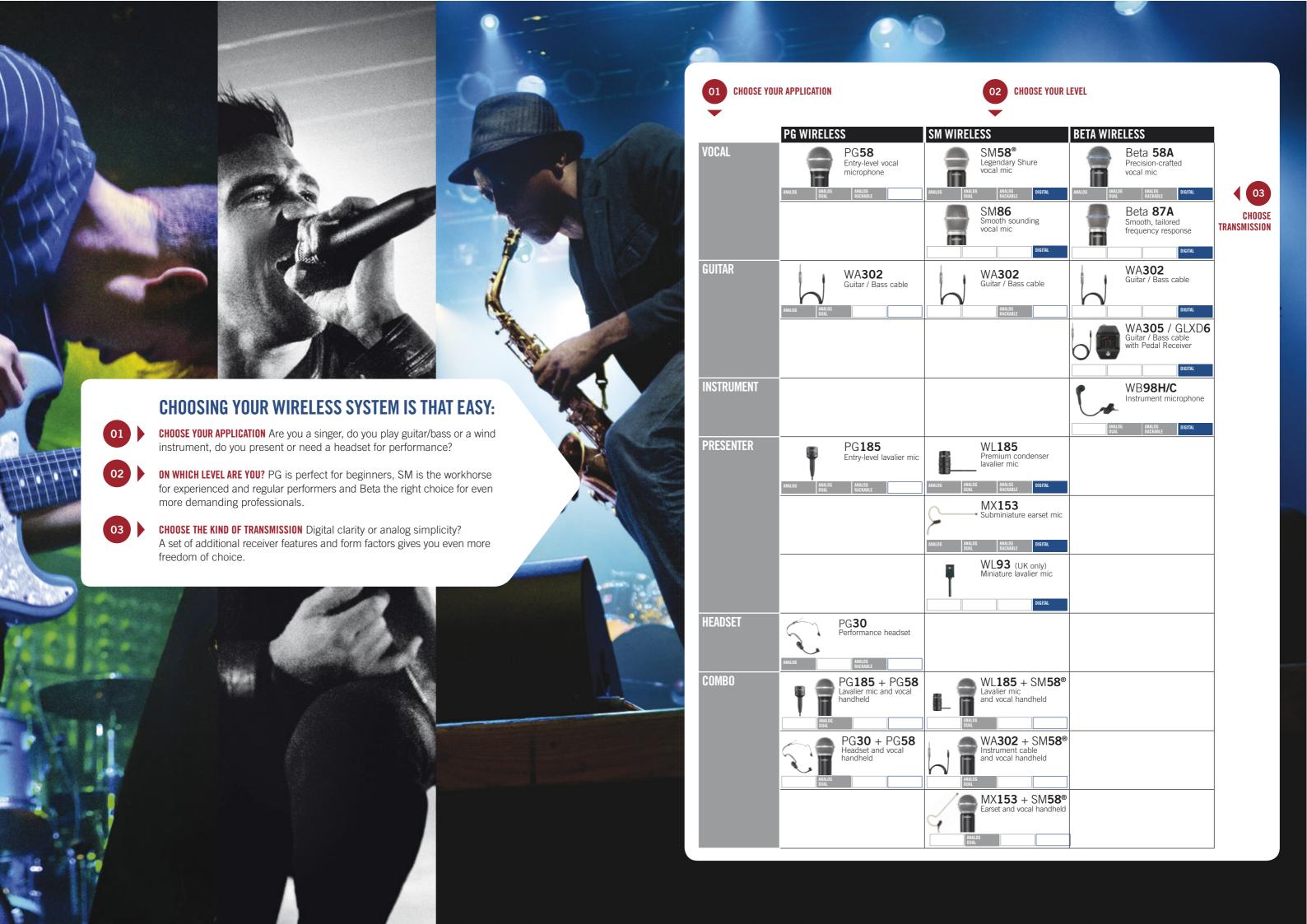
It's that simple. No buttons to push or controls to adjust.











PG Wireless Systems

The most accessible Shure microphones for elevating sound quality.

PROFESSIONAL QUALITY WIRELESS MICROPHONES

The perfect introduction to Shure engineering excellence, PG Wireless Microphones provide a complete vocal, guitar, presenter, headset and combo selection and feature many of the same durability and performance attributes of other Shure microphones at an unbeatable price. PG Wireless Microphones come with an Analog Wireless Receiver that provides improved linearity and frequency response for up to 12 compatible channels per group with group and channel scan for easy set-up.



Vocal

PG58

Lead Vocals

Backup Vocals

BLX24/PG58 BLX24R/PG58

Vocal Microphone

A rugged mic tuned to

accentuate the clarity of

lead and backup vocals.













Cable.

Guitar

Bass

BLX14

Guitar/Bass Cable

Guitar



2 Guitar/Bass Cable

Cable. 2 Bodypacks.

PG58 Combo 2 Vocal Microphones

2 rugged mics tuned to accentuate the clarity of lead and backup vocals.

Lead Vocals Backup Vocals

BLX288/PG58



2,5 ft. / 0,7 m Guitar/Bass

Bass

2 x 2,5 ft. / 0,7 m Guitar/Bass

Model:

Presenter





PG185 Combo

2 reliable wearable mics for

spoken word applications.

2 Lavalier Microphones





Seminars

Presentations

BLX14/PG85

BLX14R/PG85

BLX188/PG85

Seminars Presentations

2 bodypacks.

Headset





PG30 Headset Comfortable, reliable headworn mic for active users.

Lead Vocals Backup Vocals



BLX14/PG30



PG Wireless Systems
PG Wireless Components

Combo







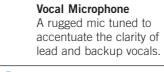
PG185
Lavalier Microphone
Reliable wearable mic for spoken word applications.



PG30 Headset Comfortable, reliable headworn mic for active users.

PG**58**

PG58
Vocal Microphone
A rugged mic tuned to accentuate the clarity of lead and backup vocals.



Model: BLX1288/PG85



Model: BLX1288/PG30



Wireless Components for PG





BLX4 and **BLX88** Diversity Receivers

- Up to 12 compatible systems (region dependent)
- Microprocessor-controlled internal antenna diversity
- One touch QuickScan locates the best open frequency
- ¼" and XLR audio outputs
- Two color audio status indicator LED







Additional BLX4R features

- Adjustable output level
- Removable antennas for quick antenna distribution
- LC display with detailed RF and audio metering
- Rackmount hardware included





BLX1 Bodypack Transmitter BLX2 Handheld Transmitter

- Power and battery status LED
- Adjustable gain control
- Quick and easy frequency matching
- AA batteries (included) provide up to 14 hours of continuous use
- 100 m (300 ft) operating range (line of sight)

SM Wireless Systems

Industry-standard professional microphones for daily touring, club and studio performances.

LEGENDARY WIRELESS MICROPHONES

Shure SM Wireless Microphones deliver an unparalleled mix of audio quality and rugged dependability that has made them the industry standard in professional sound. They are built to withstand the rigors of regular stage and studio use. All microphone applications are covered with Analog and Digital Wireless Receivers.



The Analog Wireless Receiver provides improved linearity and frequency response for up to 12 compatible channels per group with group and channel scan for easy set-up.



The **Digital Wireless Receiver** combines automatic frequency management with true digital diversity for a rock-solid wireless signal with exceptional digital audio clarity. Shure proprietary Lithium-Ion rechargeable batteries provide up to 16 hours of continuous use.



Vocal









SM58® Combo

Industry standard microphone

tailored to deliver warm and

clear vocal reproduction.

2 Vocal Microphones





SM**58**®



SM86

DIGITAL Vocal Microphone

sponse microphone capsule for

smooth lead vocal reproduction.

Extended high frequency re-





Vocal Microphone

Industry standard microphone tailored to deliver warm and clear vocal reproduction.

Lead Vocals Backup Vocals

BLX24/SM58

BLX24R/SM58

Model:







DIGITAL Vocal Microphone

tailored to deliver warm and

clear vocal reproduction.

Industry standard microphone

GLXD24/SM58

Model: GLXD24/SM86

Lead Vocals

Backup Vocals

Lead Vocals Backup Vocals Model:

BLX288/SM58















WA302 Guitar/Bass Cable

2,5 ft. / 0,7 m Guitar/Bass Cable.



Model: BLXR14



MX153

Subminiature Earset Subminiature earset headworn microphone for use in speech and other applications requiring discreet placement.

Seminars **Presentations**

BLX14/MX153

BLX14R/MX153



Model: BLX188/MX153

Seminars **Presentations**

2 bodypacks.



MX153 Combo

2 subminiature earset head-

worn microphones for use in

speech and other applications

requiring discreet placement.

Subminiature Earset

Seminars **Presentations**



DIGITAL Subminiature Earset

Subminiature earset headworn

microphone for use in speech

requiring discreet placement.

and other applications

GLXD14/MX153

MX153







Flat Tailored

Dynamic Condenser Cardioid Omnidirectional

Presenter





WL185 Combo

2 premium condenser lavalier

mics for speech applications.

Lavalier Microphone







WL185 **Lavalier Microphone**

Premium condenser lavalier mic for speech applications.

Seminars **Presentations**









2 bodypacks.











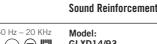
DIGITAL Lavalier Microphone

Premium condenser lavalier

mic for speech applications.

WL185

Seminars





Broadcast







WL93 (UK only)

DIGITAL Lavalier Microphone Omnidirectional miniature lavalier condenser microphone providing a full clear sound.









BLX14/W85

BLX14R/W85









WL185

Lavalier Microphone Premium condenser lavalier mic

for speech applications.



WA302 Guitar/Bass Cable 2,5 ft. / 0,7 m Guitar/Bass Cable.



MX153 Subminiature Earset

Subminiature earset headworn microphone for use in speech and other applications requiring discreet placement.



Vocal Microphone

Industry standard microphone tailored to deliver warm and clear vocal reproduction.

SM**58**®

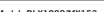
Vocal Microphone

Industry standard microphone tailored to deliver warm and clear vocal reproduction.

SM**58**®

Vocal Microphone

Industry standard microphone tailored to deliver warm and clear vocal reproduction.





Wireless Components for SM







GLXD1 Digital Bodypack Transmitter **GLXD2** Digital Handheld Transmitter

- Automatically links with GLX-D wireless receivers for seamless frequency changing and any necessary gain adjustment
- Up to 16 hours of continuous use with Shure proprietary Lithium-Ion rechargeable batteries
- Up to 60 m (200 ft.) transmission radius
- Lightweight and rugged construction (GLXD2)
- All-metal construction (GLXD1 only)





GLXD4 Digital Wireless Receiver

- Proprietary Automatic Frequency Management intelligent frequency management quickly identifies the best open channels
- 2.4 GHz frequency band allows operation of up to 8 compatible systems (depending on operation mode)
- High-resolution LCD screen
- Real-time battery run-time displayed in hours and minutes (accurate within +/- 15 minutes)
- Remote adjustable transmitter gain control
- Integrated battery charge port for proprietary Shure Lithium-Ion transmitter batteries
- XLR and 1/4" output connectors
- Lightweight, durable construction





BLX4 and **BLX88** Diversity Receivers

- Up to 12 compatible systems (region dependent) Microprocessor-controlled internal antenna diversity
- One touch QuickScan locates the best open frequency
- 1/4" and XLR audio outputs
 - Two color audio status indicator LED



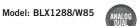




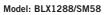
Additional BLX4R features

- Adjustable output level
- Removable antennas for quick antenna distribution
- LC display with detailed RF and audio metering
- Rackmount hardware included

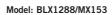














Beta Wireless Systems

Application-specific microphones engineered for reproduction of fine details in demanding acoustic environments.

PRECISION-CRAFTED WIRELESS MICROPHONES

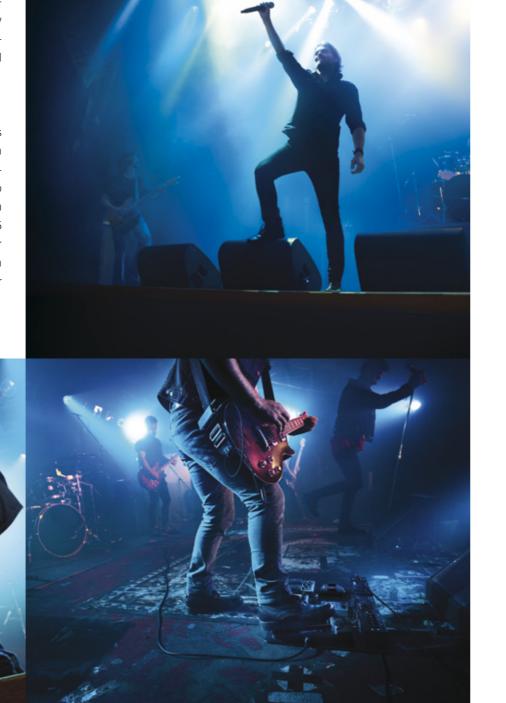
Consistently excellent performance has made Beta Wireless Microphones the choice of top performers worldwide. Renowned for their warmth, presence and sensitivity to fine detail, they feature maximum isolation and minimum off-axis coloration. The vocal and instrumental microphones are covered with Analog and Digital Wireless Receivers.



The Analog Wireless Receiver provides improved linearity and frequency response for up to 12 compatible channels per group with group and channel scan for easy set-up.



The **Digital Wireless Receiver** combines automatic frequency management with true digital diversity for a rock-solid wireless signal with exceptional digital audio clarity. Shure proprietary Lithium-Ion rechargeable batteries provide up to 16 hours of continuous use. Especially for guitarists there is a digital receiver with integrated tuner to mount on the guitar pedal board.



Vocal





BETA **58A Combo**

2 Vocal Microphones

Dynamic vocal microphone

precision-engineered for

reinforcement and project

professional sound

studio recording.











BETA 58A

professional sound

studio recording.

Lead Vocals

Backup Vocals

DIGITAL Vocal Microphone

Dynamic vocal microphone

precision-engineered for

reinforcement and project





Vocal Microphone

Dynamic vocal microphone precision-engineered for professional sound reinforcement and project studio recording.

Lead Vocals Backup Vocals

BLX24/B58

BLX24R/B58



Lead Vocals Backup Vocals

BLX288/B58

50 Hz - 16 KHz

Model: GLXD24/B58 50 Hz – 16 KHz **Lead Vocals Backup Vocals**

GLXD24/B87A

BETA **87A**

accurate sound.

DIGITAL Vocal Microphone

tailored response for warm,

Supercardioid condenser vocal

microphone offering a smooth,

50 Hz – 16 KHz







Guitar









Model:

GLXD14/B98





WA**302**

DIGITAL Guitar/Bass Cable

2,5 ft. / 0,7 m Guitar/Bass



DIGITAL Guitar/Bass Cable

2.5 ft. / 0.7 m Guitar/Bass

Cable. With GLXD6 digital wireless receiver in pedal

BETA **98H/C**

Instrument Microphone Cardioid condenser

Brass

Model:

BLX14/B98

microphone with a flexible gooseneck mount that clamps directly to the bell or rim for precise positioning.

BETA 98H/C

DIGITAL Instrument Microphone Cardioid condenser microphone with a flexible gooseneck mount that clamps directly to the bell or rim for

precise positioning.

20 Hz – 20 KHz

Guitar Bass

Model:

GLXD14

Guitai Bass

Model: GLXD16

form factor.

WA305







Beta Wireless Systems

Wireless Components for Beta





GLXD4 Digital Wireless Receiver

- Proprietary Automatic Frequency Management
 intelligent frequency management quickly
 identifies the best open channels
- 2.4 GHz frequency band allows operation of up to 8 compatible systems (depending on operation mode)
- High-resolution LCD screen
- Real-time battery run-time displayed in hours and minutes (accurate within +/- 15 minutes)
- Remote adjustable transmitter gain control
- Integrated battery charge port for proprietary Shure Lithium-Ion transmitter batteries
- XLR and 1/4" output connectors
- Lightweight, durable construction



BLX4 and **BLX88** Diversity Receivers

- Up to 12 compatible systems (region dependent)
- Microprocessor-controlled internal antenna diversity
- One touch QuickScan locates the best open frequency
- ¼" and XLR audio outputs
- Two color audio status indicator LED



Beta Wireless Components

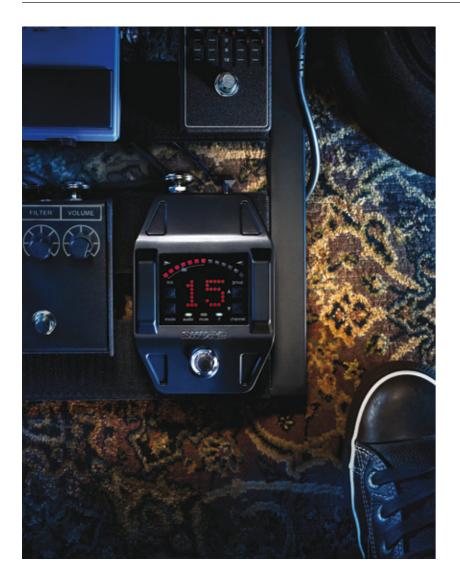






Additional BLX4R features

- Adjustable output level
- Removable antennas for quick antenna distribution
- LC display with detailed RF and audio metering
- Rackmount hardware included





GLXD6 Digital Wireless Pedal Receiver

- Proprietary Automatic Frequency Management
- Intelligent frequency management quickly identifies the best open channels.
- 2.4 GHz frequency band allows operation of up to 8 compatible systems (depending on operation mode)
- Guitar pedal form factor for easy mounting on / powering from pedal boards
- Strobe and meter tuning options tune while mute or live
- Highly visible LED display
- Rugged metal chassis design





GLXD1 Digital Bodypack Transmitter GLXD2 Digital Handheld Transmitter

- Automatically links with GLX-D wireless receivers for seamless frequency changing and any necessary gain adjustment
- Up to 16 hours of continuous use with Shure proprietary Lithium-Ion rechargeable batteries
- Up to 60 m (200 ft.) transmission radius
- Lightweight and rugged construction (GLXD2)
- All-metal construction (GLXD1 only)
- Two-color transmitter status indicator LED



Shure Digital Power Management

Technical Specifications

SHURE DIGITAL POWER MANAGEMENT

BATTERY POWER THAT'S SMART, FLEXIBLE, AND SUSTAINABLE.

GLX-D transmitters feature best-in-class Lithium-Ion batteries that quickly recharge using the charging port on the receiver or a variety of optional USB connectors. Staying ready for the show has never been easier.





More performing, less recharging. Get up to 16 hours of use from a single full charge.



Ready to go when time is tight. Connect for a 15-minute quick charge and count on up to 1.5 hours of performance.



An accurate pulse on battery life.

Precision metering displays in hours and minutes on the GLXD4 receiver's LCD screen.



The power to waste less.

Each rechargeable battery delivers up to 10.000 hours of regular use, the equivalent of up to 2.500 disposable alkaline batteries.

Charge battery in transmitter with:



USB charging cable



wall charger (available separately)



USB car charger (available separately)



Charge battery separately with:

GLXD4 integrated charge port



USB battery dock charger (available separately)

BLX ANALOG WIRELESS

Operating Range:

91 m (300 ft) line of sight (actual range depends on RF signal absorption, reflection and interference)

Available Frequencies:

Between 524 – 865 MHz (available frequencies depend on applicable regulations in country where system used)

Audio Range:

50 – 15.000 Hz (dependent on microphone type)

Transmitter RF Output Power:

10 mW, typical (varies by region)

Audio Output Connector:

XLR and 1/4" (6,3 mm) unbalanced

Maximum Output Level:

-27 dBV (XLR, mic level), -13 dBV (1/4")

Battery Life:

Up to 14 hours

Dynamic Range:

100 dB A-weighted

System Distortion:

0,5% THD typical (ref. +/- 38 kHz deviation, 1 kHz tone)

Operating Temperature Range:

-18°C (0°F) to +50°C (122°F)

Power Requirements:

BLX1, BLX2: 2 AA alkaline or rechargeable batteries

BLX4: 12 – 18 V DC at 150 mA, supplied by external power supply

BLX88: 12 – 18 V DC at 320 mA, supplied by external power supply

BLX4R: 12 – 18 V DC at 260 mA, supplied by external power supply

Note: Performance may vary depending on country regulations and operating environment.

GLXD DIGITAL WIRELESS

Operating Range:

60 m (200 ft) line of sight (actual range depends on RF signal absorption, reflection and interference)

Frequency Band:

ISM 2.400 – 2.483,5 MHz

Audio Range:

20 – 20.000 Hz (dependent on microphone type)

Transmitter RF Output Power:

10 mW E.I.R.P. maximum (varies by region)

Audio Output Connector:

XLR and 1/4" (6,3 mm) unbalanced

Maximum Output Level:

O dBV (XLR/line), +8.5 dBV (1/4")

Battery Life:

Up to 16 hours

Dynamic Range:

120 dB A-weighted

System Distortion:

0,2% THD typical (ref. +/- 38 kHz deviation, 1 kHz tone)

Operating Temperature Range:

-18°C (0°F) to +57°C (135°F)

Note: Battery characteristics may limit this range.

Power Requirements:

GLXD1, GLXD2: 3,7 V custom rechargeable lithium-ion battery

GLXD4: 14 - 18 V DC at 550 mA, supplied by external power supply

GLXD6: 9 – 15 V DC at 250 mA, supplied by external power supply (also compatible with standard pedal board power supplies)

Note: Performance may vary depending on country regulations and operating environment.



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