

SHURE[®]
LEGENDARY
PERFORMANCE™

Audio Solutions for Broadcast
and Media Production

THE COMPLETE SOUND PICTURE.



CREATE HISTORY WITH THE AUDIO BRAND THAT'S HELPED CAPTURE IT.

Having the right tools for the right job.

It's something Shure has learned over 85 years of producing equipment that has helped capture many of the world's most legendary performances.

It's a truth that dates back to the iconic Shure 55 Unidyne microphone, engineered especially for broadcast. To the ubiquitous Model 333 ribbon microphone during the Golden Age of television. To the M67 Portable Mixer, which revolutionized newsgathering. And many more.

That's why Shure continues to bring broadcast and media production professionals everything needed to exceed in today's increasingly demanding environments. From portable solutions and application-specific microphones and headsets, to advanced wireless systems designed to tackle the toughest spectrum challenges.

Because now, as always, the world is listening.

Mission-critical technology:

AXIENT™ WIRELESS MANAGEMENT NETWORK

The live awards show. The halftime special. Some broadcast performances call for solutions beyond everyday wireless. The Axient™ Wireless Management Network delivers the technology needed to confidently navigate even the most limited spectrum availability. Axient components continuously monitor, evaluate, prioritize, queue and assign compatible UHF frequencies and are fully networkable, to enable real-time remote adjustments of all transmitter parameters. For peace of mind capturing the performance for the live audience, and the one at home. No matter how big the venue—or the moment.



The groundbreaking benefits of the Axient Wireless Management Network

Wireless Workbench® Software

Designed to take advantage of Axient's breakthrough RF spectrum plotting, comprehensive frequency coordination and live performance monitoring.

Spectrum management

Simplifies the most complex RF environments with detailed scanning, coordination and visualization.

Transmitter remote control

The first system with total remote control of all transmitter parameters.

Interference detection & avoidance

Automatically detects interference and moves to a clear, compatible channel in a fraction of a second.

Frequency diversity
Simultaneous two-frequency transmission for seamless, uninterrupted audio.

Advanced power management

A comprehensive suite of batteries and chargers that set new standards for real-time monitoring and lifecycle management.



AXT100

Bodypack Transmitter

A giant leap forward in wireless transmitters, the AXT100 Axient Bodypack Transmitter from Shure combines precision performance with the most advanced features. It delivers ultra-linear RF performance for more channels on air and superb audio quality. Advanced power management provides extended, rechargeable battery life and highly accurate status metering. ShowLink™ Remote Control enables comprehensive real-time remote control of all transmitter parameters, including real-time frequency adjustments.



AXT200

Handheld Frequency Diversity Transmitter

Rechargeable, remote controllable handheld transmitter with frequency diversity for seamless, uninterrupted audio in even the most crowded RF environments. In addition to Frequency Diversity, the AXT200 delivers ultra-linear RF performance for more channels on air and superb audio quality. Its advanced rechargeable power management supports extended battery life and highly accurate status metering. ShowLink™ Remote Control enables comprehensive real-time remote control of all transmitter parameters, including real-time frequency adjustments.



AXT400

Dual Channel Receiver

Featuring the most advanced analog and digital audio technology, and up to 228 MHz of wideband tuning, the AXT400 Dual Channel Receiver delivers unrivaled RF and audio performance. Its suite of groundbreaking functionalities optimize setup efficiencies and live performance control and reliability.



AXT610

Showlink™ Access Point

Enables instantaneous remote adjustments to all transmitter settings. The AXT610 ShowLink™ Access Point establishes a wireless network connection between linked Axient transmitters and receivers, for comprehensive real-time networked control over a wide coverage area, equivalent to the range of Axient transmitters.



AXT630

Antenna Distribution System

Delivers ultra-linear amplification and precision filtering for optimal performance in even the most difficult RF environments. The AXT630 Axient Antenna Distribution Amplifier features selectable 60 MHz input filters that match the available frequency bands of Axient transmitters, providing extra protection from strong out-of-band signals and a lower overall RF noise floor.



AXT600

Spectrum Manager

Defining a new class of RF management tools, the AXT600 Axient Spectrum Manager delivers wide-band UHF spectrum scanning, analysis and compatible frequency coordination—all in a single rack unit. By scanning and displaying the RF environment, calculating compatible frequencies and deploying them to Axient receivers easily and efficiently, the Axient Spectrum Manager offers a sophisticated interface and precise information for allocating the best available frequencies to any number of wireless channels. For added flexibility in complex RF environments, the AXT600 also monitors and ranks a live list of backup frequencies—and can deploy them instantly and automatically when an Axient Receiver detects interference.



AXT620

Ethernet Switch

Specifically tailored for Axient systems, the Shure AXT620 Ethernet Switch is a rugged, rack-mountable 9-port switch that simplifies the networking of Axient Wireless Systems and minimizes network configuration setup. Equipped with Power over Ethernet for enabled devices and a DHCP server to automatically assign IP addresses to components.



AXT900

Rackmount Charging Station

Provides a touring-ready battery charging and storage solution with networked visibility of all battery status parameters. Configurable for up to 8 bodypack or handheld batteries, the AXT900 Rackmount Charging Station delivers detailed status reports for each battery, including remaining battery power, time to full charge, capacity and battery health. Status reports are displayed on the front panel, or in WWB6 for enhanced visibility.



Made for anywhere:

UHF-R® WIRELESS SYSTEMS

On set, in the field, or behind the scenes, Shure UHF-R® Wireless Systems deliver the control needed to master the intense pressure and extreme conditions of any broadcast environment. Built to withstand the most rugged conditions, they feature fast-synching automatic frequency selection for unparalleled reliability. And they're equipped with patented Audio Reference Companding technology that delivers crystal-clear, wired-quality sound on up to 40 simultaneously compatible systems per band, without audio interference or degradation. After all, complete flexibility should be a cornerstone of any system, not an extra.



UR2

Handheld Transmitter

Boasts rugged, lightweight construction and an antenna design that advances RF transmission reliability.



UR2/BETA 58A

Available Capsules



- Switchable RF power (10/50mW or 10/100mW, regionally dependent)
- 2 AA batteries provide up to 8 hours continuous use

UR4S+ & UR4D+

Wireless Receivers

Single and dual-channel options for premium wireless, both with Networked Automatic Frequency Selection and Automatic Transmitter Setup for advanced control and robust flexibility across a wide range of professional uses.

- 2400 Selectable Frequencies Across 60 MHz Bandwidth
- Track Tuning Filtering Technology
- Up to 60 Preset Compatible Systems/Band (140 w/Multiple Bands, Region Dependent)

UR1M

Micro-Bodypack Transmitter

About half the size of most standard bodypacks, the UR1M is designed to be easily concealed and worn comfortably by actors, performers, musicians, and public speakers.



- 60-75 MHz RF tuning range (regionally dependent), tunable in 25 kHz steps
- Weighs only 2.2 oz (62 g) without batteries
- 2 AAA batteries provide up to 9 hours continuous use

UR1/UR1H

Bodypack Transmitter

A compact bodypack, constructed of lightweight metal that makes it exceptionally unobtrusive and abuse-resistant.



- Switchable RF Power (10/50mW–UR1), (10/100mW–UR1H) regionally dependent
- Frequency and power lockout
- 2 AA batteries provide up to 8 hours continuous use

UR3

Plug-on Transmitter

Combines the best of Shure UHF-R® wireless features with the superior flexibility of XLR connectivity and comprehensive function control in a single premium transmitter.



- Smart, ergonomic, industrial design for detailed control and comfortable grip
- Use with any wired XLR dynamic or condenser microphones, or select MIC / LINE input options
- Microphone preset lists customized settings for quick recall of gain, phantom power and other variables

UR5

Portable Wireless Receiver

Wide-band frequency tuning, hands-on navigation and a variety of power and mounting options make the UR5 Portable Wireless Receiver the premium choice for professional broadcast and media production applications.



- MTx (Multi-transmitter) Mode for switching between up to 40 transmitters at the touch of a button
- Hands-on navigation control, headphone monitoring, tone generator, MIC & AUX-level balanced outputs with backlit LCD screen
- Flexible power options, including Shure SB900 custom lithium ion rechargeable battery (8+ hours), 2 AA batteries (4+ hours) or 12 V DC power insert



Clearly portable solutions: FP WIRELESS SYSTEMS

Capturing audio in the most demanding environments has never been easier. Shure FP Wireless Systems offer a full selection of affordable, lightweight portable wireless components that feature 24 MHz bandwidth, automatic frequency selection and automatic transmitter setup. All powered by 2 AA batteries and compatible with up to 20 systems simultaneously.



FP1

Bodypack Transmitter

Lightweight and durable design for easy use with a variety of TA4F-connection microphones.



- LED indicator for control lockout, IR/RF sync, low battery indicator
- Audio Input Gain for adjustment of audio level
- 4-Pin Microphone Input Jack for use with lavalier or headset microphones equipped with TA4F connectors

FP2/SM58

Handheld Transmitter with SM58® Cardioid Microphone Capsule

The legendary audio of the Shure SM58® microphone capsule mounted to a rugged, lightweight wireless transmitter.



- LED indicator for control lockout, IR/RF sync, low battery indicator
- Lightweight, durable housing
- Additional microphone capsules available as accessories: **Beta 87A, Beta 87C, Beta 58A®, SM86**

FP2/VP68

Handheld Transmitter with VP68 Omnidirectional Microphone Capsule

Ideal for one-on-one interviews, delivers superior audio on- and off-axis, while requiring minimal positioning relative to the sound source.



- LED indicator for control lockout, IR/RF sync, low battery indicator
- Lightweight, durable housing
- Additional microphone capsules available as accessories: **Beta 87A, Beta 87C, Beta 58A®, SM86**

FP3

Plug-on Transmitter with XLR connection

A simple extension ergonomically designed to fit comfortably in hand, and engineered to work with virtually any XLR dynamic microphone or battery-powered condenser microphone.



- Use with any wired dynamic XLR microphone
- LED indicator for control lockout, IR/RF sync, low battery indicator
- Three-stage audio indicator and input gain control
- Rugged construction and durable metal housing

FP5

Portable Wireless Receiver

Designed for on-camera mounting and featuring Automatic Frequency Selection, Automatic Transmitter Setup and Shure-patented Audio Reference Companding for crystal-clear audio.

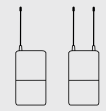


- Diversity antennas for consistent reception of signal transmission
- Power and RF-sync LED indicators with output level control
- Camera shoe mount and XLR or 1/8" connector cables included
- Rugged and lightweight construction

System Configurations

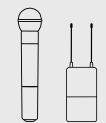
Bodypack System

FP15



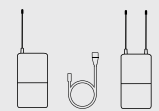
Handheld System

FP25/58



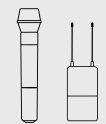
Bodypack System

FP15/83



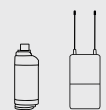
Handheld System

FP25/VP68



Handheld System

FP35



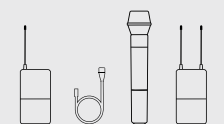
Combo System

FP125/83SM58



Combo System

FP125/83VP68



Made for anywhere: BROADCAST MICROPHONES

Telling the total story. It's the foundation of high-quality media production, and the right mics make all the difference. Shure broadcast microphones deliver superior voice reproduction for any production setting, from field production and electronic newsgathering (ENG) to professional broadcast studio applications.



SM63

OMNIDIRECTIONAL | DYNAMIC
Handheld Microphone

Elegant yet rugged, the high-output SM63 series of dynamic omnidirectional microphones are designed for professional applications where performance and appearance are critical.



80Hz–20kHz

- Frequency response tailored for optimum speech intelligibility
- Low-frequency roll off and built-in shock mount for reduced pickup of handling noise and stand vibration
- Humbucking coil for virtual immunity to strong electromagnetic hum fields
- Exceptionally rugged VERAFLX grille that resists damage from drops up to 2 m

VP64A

OMNIDIRECTIONAL | DYNAMIC
Handheld Microphone

High-output omnidirectional handheld dynamic microphone that combines exceptional performance and comfortable feel with a handsome on-camera appearance.



50Hz–12kHz

- Tailored frequency response with mid-range presence rise for optimum speech clarity
- Neodymium magnet for increased output and maximized signal-to-noise ratio
- Omnidirectional polar pattern eliminates need for critical microphone positioning
- Internal isolation mount for low handling noise

VP88

BI-DIRECTIONAL CARDIOID | CONDENSER
Stereo Condenser Microphone

Single-point stereo condenser microphone designed to capture the realism of a live event and withstand the most rigorous environments.



40Hz–20kHz

- Time-coherent, Mid-Side (M-S) design for optimal stereo imaging
- Built-in stereo matrix for direct control of the stereo spread; direct M-S outputs available
- Mono compatibility ideal for broadcast applications
- Operates on phantom power or a 6V camera battery

FP33 3-Channel Mixer

Portable 3-input, 2-output, stereo mixer specifically designed for remote audio recording, electronic field production, electronic newsgathering (ENG), and location film production.

- Extended frequency response of 20 Hz–20 kHz
- Dynamic range greater than 100 dB

Transformer-balanced inputs and outputs for superior rejection of RFI and electromagnetic hum

- 48 V phantom, 12 V phantom, and 12 V T (A-B) microphone power
- Three selectable mic/line inputs and two selectable mic/line outputs



In the field:

SHOTGUN MICROPHONES

Capture sounds near and far. Shure shotgun microphones feature state-of-the-art preamplifiers and outstanding off-axis rejection to bring out all the environmental details.



VP89S/M/L

End-Address Shotgun Condenser Microphones

Professional shotgun condenser microphones for use in critical broadcast and media production applications.



- Scalable, superior off-axis rejection for focus and flexibility in a wide variety of on-site locations
- State-of-the-art preamplifier design, with superior RF immunity, internal low-frequency roll-off and recessed low-cut filter switch for additional control
- Interchangeable long, medium, and short barrel options for premium performance in environments ranging from long distance to near-field applications
- Full range of complementary accessories (see sidebar)

VP82

End-Address Shotgun Condenser Microphone

Compact and lightweight shotgun with a wide aperture and excellent off-axis rejection for camera-mounted broadcast and media production.



- Best-in-class audio performance
- Integrated preamplifier design
- Economical choice with small footprint; compact and lightweight
- Superior Shure design and rugged, roadworthy construction

Accessories

Suspension Windshield Kit for VP89 series
A89SW-KIT / A89MW-KIT / A89LW-KIT



Softie Windshield for VP89 series
A89SW-SFT / A89MW-SFT / A89LW-SFT



Foam Windscreen for VP89 series
A89SW / A89MW / A89LW



Boom Pole Mount (VP89L only)
A89LM-BA



Shoe Mount
A89M-SH



Pistol Grip Mount
AP89M-PG



Camera Mount
A89M-CC



Out of sight:

LAVALIER MICROPHONES

Be heard, not seen. That's the main requirement of audio in many productions today. Ultra-lightweight Shure lavalier microphones offer a high-performance, discreet option engineered for maximum flexibility.



MX150

Microflex® Subminiature Lavalier Microphone

Professional electret condenser microphone ideal for applications requiring low-profile placement, uncompromising sound quality and high reliability.



20Hz-20kHz

- Available in cardioid or omnidirectional polar patterns and TQG (for use in Shure bodypacks) or wired XLR variations
- CommShield® Technology guards against interference from cellular RF devices and digital bodypack transmitters
- Multi-position tie clip and integrated cable management system for flexible placement and convenient cable dress with minimal handling noise
- User-changeable equalization caps for response shaping (omnidirectional only)
- Snap-fit, concise windscreen protects against plosives and wind noise with minimal visibility

SM93

Lavalier Microphone

Economical omnidirectional, subminiature, lavalier condenser microphone designed for general speech applications that require low-profile placement.



20Hz-20kHz

- Subminiature lavalier design ideal for theater, television, broadcasting, video, film, and sound reinforcement
- Small, inconspicuous mounting hardware
- Full, clear sound comparable to larger microphones

WL183/184/185

Microflex® Subminiature Lavalier Microphones

Microflex® Lavalier microphones bring a new level of sophistication to voice reproduction and feature interchangeable condenser cartridges, available in cardioid, supercardioid or omnidirectional polar patterns.



50Hz-17kHz

- WL183 Omnidirectional / WL184 Supercardioid / WL185 Cardioid
- Wide dynamic range and frequency response for accurate sound reproduction
- Rotatable tie-clip that pivots in 90 degree increments for placement flexibility
- Snap-fit foam windscreen to controls breath noise
- Balanced, transformer-less output for increased immunity to noise over long cable runs

KEY:

Polar Pattern



Cardioid



SuperCardioid



Omnidirectional



BiDirectional



Lobar

Frequency Response

Tailored

Adjustable

In the booth:

STUDIO VOICEOVER MICROPHONES

Great speeches. Dramatic narration. Radio's most memorable moments. Shure studio microphones have captured some of the world's classic vocal and speech performances—and continue to be a mainstay in production booths worldwide.



SM7B

CARDIOID | DYNAMIC

Vocal Microphone

Smooth, flat, wide-range frequency response appropriate for music and speech in all professional audio and close-talk applications, with excellent internal shielding against electromagnetic hum.



50Hz–20kHz

- Bass roll-off and mid-range emphasis (presence boost) controls with graphic display
- Internal “air suspension” shock isolation virtually eliminates mechanical noise transmission
- Highly effective pop filter eliminates need for any add-on protection against plosives, even for close-up vocals or narration

KSM42

CARDIOID | CONDENSER

Large Dual-Diaphragm Side-Address Condenser Vocal Microphone

The premier choice for capturing sophisticated, powerful and intimate vocal performance, featuring Prethos® Advanced Preamp Technology.



60Hz–20kHz

- Highly consistent cardioid polar pattern creates a broad “sweet spot” and natural off-axis response
- Dual-diaphragm design with an active front, ultra-thin (2.5 micron) 24-karat gold, low mass, 1-inch Mylar® diaphragms
- Integrated three-stage mesh grille guards against wind and breath noise
- Extremely low self-noise for critical studio vocal recording

KSM44A

CARDIOID / OMNI / BIDIRECTIONAL | CONDENSER

Multi-Pattern Dual-Diaphragm Microphone

Designed for the highest level of studio and stage performance, featuring Prethos® Advanced Preamp Technology.



20Hz–20kHz

- Groundbreaking specifications: 4dB of self-noise and max SPL of 131 dB for a total dynamic range of 127 dB—an increase of 7 dB that defines the new standard for cleanly nuanced audio capture
- Multiple polar patterns—cardioid, omnidirectional and bidirectional—for maximum flexibility in a wide variety of recording applications
- Dual 1-inch, externally biased, ultra-thin (2.5 micron) 24-karat gold, low mass diaphragms provide superior frequency response

Prethos® Advanced Preamp Technology:

A milestone achievement in sound reinforcement, Prethos® employs transparent internal circuitry architectures that enable unprecedented audio quality and performance. Class A, discrete, transformer-less preamplifier provides transparency, extremely fast transient response, and no crossover distortion for minimization of harmonic and intermodulation distortions.

KEY:

Polar Pattern



Cardioid



SuperCardioid



Omnidirectional



BiDirectional



Lobar

Frequency Response



Tailored



Adjustable

Hear and be heard:

BROADCAST HEADSETS

Clear sound, even in the loudest environments. Shure Broadcast Headsets combine the pristine audio reproduction of our critical-listening and monitoring headphones with dynamic microphones developed especially for broadcast and media production.



BRH31M

Single-Sided Lightweight Broadcast Headset

Supra-aural headset with dynamic microphone and ultra-lightweight design.



- Delivers natural, highly intelligible vocal reproduction with cardioid polar pattern and frequency response optimized for loud environments
- Adjustable headband with cushioned temple pad for comfortable, ergonomic fit
- Flexible boom microphone pivots 270 degrees for left or right side wear and precise positioning
- Single-side, fixed cable with unterminated ends enables connection to a variety of devices

BRH441M

Single-Sided Broadcast Headset

Circumaural headset with dynamic microphone.



- Delivers natural, highly intelligible vocal reproduction with cardioid polar pattern and frequency response optimized for loud environments
- Ergonomic, adjustable headband with premium padding and cushioned temple pad for long-wearing comfort
- Flexible boom microphone pivots 270 degrees for left or right side wear and precise positioning
- Flip-up mute function deactivates the boom microphone when raised vertically away from the mouth
- Single-side, detachable cable with unterminated ends enables connection to a variety of devices

BRH440M

Dual-Sided Broadcast Headset

Circumaural headset with dynamic microphone.



- Delivers natural, highly intelligible vocal reproduction with cardioid polar pattern and frequency response optimized for loud environments
- Ergonomic, adjustable headband with premium padding and optimal coupling force for extended comfort
- Flexible boom microphone pivots 270 degrees for left or right side wear and precise positioning
- Flip-up mute function deactivates the boom microphone when raised vertically away from the mouth
- Single-side, detachable cable with unterminated ends enables connection to a variety of devices

Perfect sound from ear to ear:

PROFESSIONAL HEADPHONES

Keep an ear on every detail. Shure professional studio headphones deliver sustained comfort and minimal background noise, making them ideal for any broadcast and media listening application, whether voiceover recording or audio/video monitoring and editing.

SRH440

Professional Studio Headphones

Developed for professional and home studios.



- Enhanced frequency response delivers accurate audio across an extended range
- Optimized impedance and power handling for performance with professional audio devices
- Adjustable headband and collapsible construction provide comfort and portability
- Bayonet clip securely locks detachable cable into ear cup
- Replaceable, detachable cable (10 ft) and earpads ensure long product life

SRH840

Professional Monitoring Headphones

Optimized for professional studio recording and critical listening.



- Tailored frequency response delivers rich bass, clear mid-range and extended highs
- Wide, padded headband provides ergonomic fit for superior comfort over extended periods
- Collapsible design for convenient portability
- Bayonet clip securely locks detachable cable into ear cup
- Replaceable, detachable cable (10 ft) and earpads ensure long product life

SRH940

Professional Reference Headphones

Designed for critical listening, monitoring and mastering.



- Accurate frequency response delivers smooth, high-end extension with tight bass, and superior transient response with minimal distortion
- Lightweight, ergonomic fit with premium padded headband for comfortable, extended wear
- Collapsible design with 90-degree swivel ear cups for easy storage and portability
- Two included detachable cables (straight & coiled) and replacement set of velour earpads ensure flexible wearing options and long product life

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