

TOTAL SOLUTION FOR BROADCAST & MEDIA PRODUCTION



Shure Microphones have continued to deliver the unmatched sound quality and durability that have made them invaluable for over 85 years of stage performance and studio recording around the world.

Live stage performances and recording studios are not the only environments that share a rich history with Shure products. Over the history of Shure microphone development, broadcast applications have provided an integral, leading edge for the development and evolution of audio equipment. Clients across the globe have been using Shure microphones for broadcast and media production.



Kairali TV Station, India



Metricon Stadium, Australia



OB Van – EBS, Korea



KBS Hall- KBS, Korea

Applications

Products Applications	Wireless						Wired				
	Axient	UHF-R					VP82	VP89S/VP89M/VP89L	VP88	VP64	SM63
		UR4+	UR2	UR1/UR1M	UR5	UR3					
ENG			•	•	•	•	•	•			•
ENG Interviews			•	•	•	•	•	•	•	•	•
Field Production				•	•	•	•	•			
Theater	•	•	•	•			•	•			
Sound Reinforcement	•	•	•	•			•	•			
Sports/Spot News Coverage	•	•	•		•	•	•	•			•
Studio Broadcasting/Recording	•	•	•	•			•	•	•		
Video Production			•	•	•	•	•	•		•	•
Film Production				•	•		•	•			



UHF-R® Wireless Microphone Systems

Shure UHF-R® Wireless Systems master the intense pressure and extreme conditions of any broadcasting touring or installation environment, while delivering unmatched Shure sound.

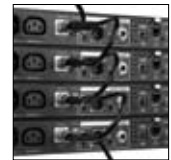
Offering you more productivity, more reliability and more control, UHF-R® is premier wireless technology that helps you master the complexities of large-scale wireless installations. UHF-R® takes wireless to a completely new level.

- Incomparable RF cascade feature for up to 10 receivers.
- Unparalleled control for complex installations.
- Superior RF performance and reliability for every installation.
- Crystal-clear audio that sounds more like wired – by Audio Reference Companding.



UR4S+ | UR4D+ Wireless Diversity Receiver

- Available in Single Channel and Dual Channel versions
- Up to 3080 selectable frequencies across 77 MHz bandwidth (region-dependent)
- Track Tuning Filtering Technology
- Networked Automatic Frequency Selection
- Infrared automatic transmitter sync (including custom group upload)
- Flash memory to store six 60-channel custom frequency groups
- Shure's patented Audio Reference Companding
- Multi-function bit-mapped backlit LCD
- USB and Ethernet network control and monitoring
- Remoteable antennas



RF distribution ports allow up to 10 receivers to share a single pair of antennas.

UR2 Handheld Transmitter

Switchable RF Power (10/50mW, region-dependent)
 Frequency and Power lockout
 Bit-mapped Backlit LCD
 2 AA Batteries – Up to 8 hours continuous use
 Infrared automatic transmitter sync
 All-metal die-cast construction



Front view (97.5 x 60 x 17mm)

Side view



Front view (49 x 60 x 17mm)

Side view

UR1 Bodypack Transmitter

UR1H High-Power Bodypack Transmitter
 RF Power:
 UR1 – Switchable (10/50mW or 10/100mW, region-dependent)
 UR1H – 250mW (region-dependent)
 Magnesium construction (3.4 oz/97g)
 Frequency and Power lockout
 Bit-mapped backlit LCD
 2 AA batteries (8 hours UR1 / 4 hours UR1H)
 Infrared automatic transmitter sync
 Integrated DC power input (UR1H)

UR1M Micro-Bodypack Transmitter

Switchable RF Power (10mW or 50mW)
 Less than half the size of standard bodypacks
 Lightweight magnesium construction (2.2 oz/62g)
 Conformal coated circuitry for enhanced sweat resistance
 Bit-mapped backlit LCD
 2 AAA batteries – Up to 9 hours continuous use
 Audio level metering
 TQG or LEMO3 connector options
 Selectable battery metering by battery type

Handheld

- SM58® Dynamic Cardioid
- SM86 Condenser Cardioid
- SM87 Condenser SuperCardioid*
- Beta 58® Dynamic SuperCardioid
- Beta 87A™ Condenser SuperCardioid
- Beta 87C™ Condenser Cardioid
- KSM9 Condenser Switchable
- NEW VP68 Condenser Omnidirectional*

* Cartridge only

UR5

Portable Wireless Receiver

- Audio Reference Companding for crystal clear audio.
- Wide tuning range on a single band version (up to 77 MHz).
- Scan & Sync allows fast efficient setup.
- MTX (Multi-transmitter) mode allows to switch between multiple wireless transmitters extremely fast.
- Two antenna diversity ensures stable RF reception.
- Tone generator (selectable 100Hz, 1KHz 5kHz tones).
- Headphone monitoring output jack.
- Flexible powering options:
 - Shure SB900 custom lithium ion rechargeable battery pack and SBC800 charging station, from camera or from stand-alone power supply
 - 2 AA standard Alkaline batteries.
- Optional mounting accessories available (e.g. mounting box for Anton Bauer, IDX battery packs).



UR5

UR3

Plug-on Transmitter

- Audio Reference Companding for crystal clear audio.
- Wide tuning range on a single band version (up to 77 MHz).
- Provides full range of phantom power (selectable +12 / +48 V).
- Selectable +12 / +48 V phantom power.
- Switchable output power (10/50mW), region-dependent.
- Programmable microphone ID lists to tailor settings (gain, phantom power, high-pass filter, etc.) per microphone for quick recall.
- Selectable mic / line input.
- Sweepable high-pass filter (35 Hz – 285 Hz).
- Powering : 2 AA batteries, (> 10 hours battery life, when used with dynamic microphones;
> 6 hours battery life, when used with condenser microphones that require +48 V phantom power (full load))



UR3



VP88

Stereo Condenser Microphone

The VP88 is a single-point, stereo condenser microphone for use in professional studio recording, field production, electronic news gathering (ENG), and studio broadcasting applications. Combined with two condenser cartridges in a single housing to create a stereo audio image of the sound source. The VP88 is unique in its ability to capture the realism of a live event and yet withstand rigorous field production environments.

- 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
- Low noise and distortion
- Wide dynamic range
- Switch-selectable, low-frequency rolloff (12 dB/octave below 80 Hz) for reduced pickup of ambient noise & stand vibration
- Operates on phantom power or a 6V camera battery
- LED power indicator
- Internal shock mount for reduced stand vibration and handling noise
- Built-in "pop" screen
- Includes windscreen, swivel adapter, and Y-cable



VP88

VP64A

Handheld Microphone

The VP64A is a sleek microphone with ergonomic design and high energy neodymium magnet. Tight frequency response adds clarity and crispness to speech reproduction. The VP64A is ideal for close-up use and can be used outside as well as indoors.

- Neodymium magnet for increased output and maximized signal-to-noise ratio
- Tailored frequency response with mid-range presence rise for optimum speech clarity
- Omnidirectional polar pattern eliminates need for critical microphone positioning
- Internal isolation mount for low handling noise
- Water-resistant mesh grille repels water under challenging weather conditions
- Supplied windscreen for reduced pickup of pop and wind noise
- Handsome appearance; ideal for on-camera applications



VP64A

SM63

Handheld Microphone

The SM63 is tailored for optimum speech intelligibility, and includes a controlled low-frequency rolloff for reduced pick-up of stand and wind noise. A built-in humbucking coil makes the microphones virtually immune to strong hum fields, such as those produced by studio lighting.

- High output, low impedance
- 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
- Patented Shure shock mount system minimizes handling noise
- Immune to rust, corrosion, and moisture
- Built-in pop filter that suppresses breath and wind noise
- Accessory windscreen supplied with SM63L and SM63LB for outdoor use under adverse wind conditions
- Supplied snap-in stand adapter



SM63

Shotgun Microphones

VP82

End-Address Shotgun Condenser Microphones

The VP82 is a professional shotgun microphone for use in A/V sound reinforcement. Compact and lightweight with wide aperture and excellent off-axis rejection, the VP82 is the affordable and reliable choice for camera-mounted broadcast and media production applications.

- Best-in-class audio performance
- Integrated preamplifier design
- Wide aperture for near-field sound sources
- Natural off-axis rejection
- Economical choice with small footprint – compact and lightweight
- Superior Shure design and rugged, roadworthy construction
- Zipper pouch and foam windscreen included



VP82

VP89S / VP89M / VP89L

End-Address Shotgun Condenser Microphones

The VP89 is a professional shotgun condenser microphone for use in critical broadcast and media production applications. Designed with interchangeable long, medium and short capsules, the VP89 models provide scalable, superior off-axis rejection for focus and flexibility in a wide variety of on-site locations.

- Best-in-class Shure audio performance
- State-of-the-art preamplifier redesign
- Superior RF immunity
- Internal low-frequency roll-off
- Recessed low-cut filter switch for additional control
- Smaller footprint
- Superior Shure design and rugged, roadworthy construction
- Carrying case and foam windscreen included



VP89S

VP89M

VP89L

Accessories



A89SW-JMR / A89MW-JMR / A89LW-JMR
Windjammer



A89SW-SFT / A89MW-SFT / A89LW-SFT
Softie



A89LM-BA
Boom Pole Mount
**Only applicable to VP89L*



A89M-PG
Pistol Grip Mount



A89SW / A89MW / A89LW
Foam Windscreen



A89SW-KIT / A89MW-KIT / A89LW-KIT
Windshield Kit



A89SC VP89 / A89MC VP89 / A89LC VP89
Carrying Case



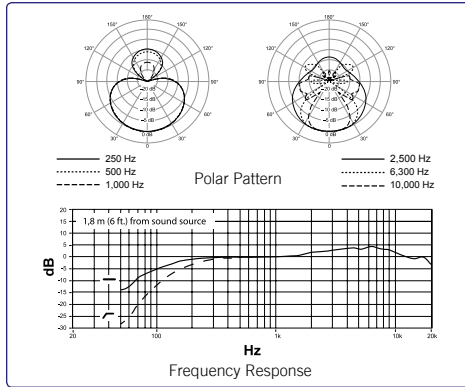
A89M-SH
Shoe Mount



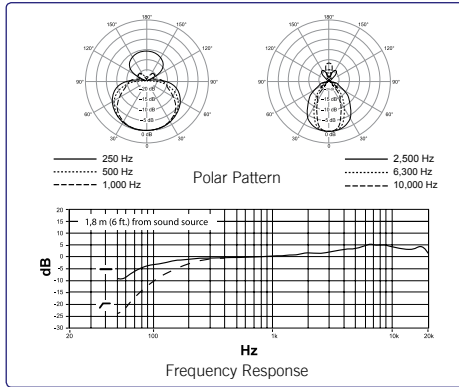
A89M-CC
Camera Mount

Polar Pattern and Frequency Response

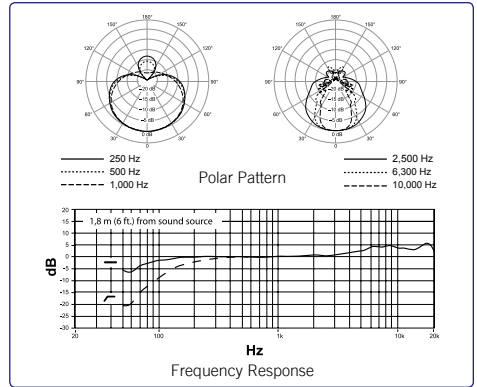
VP89S



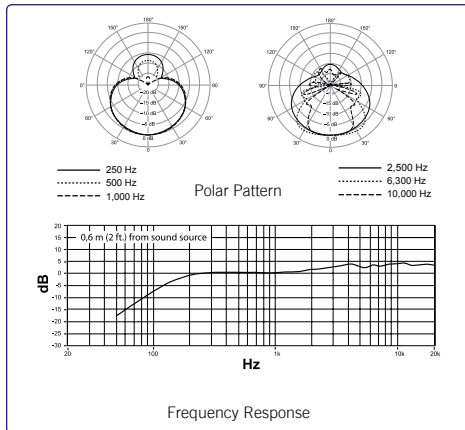
VP89M



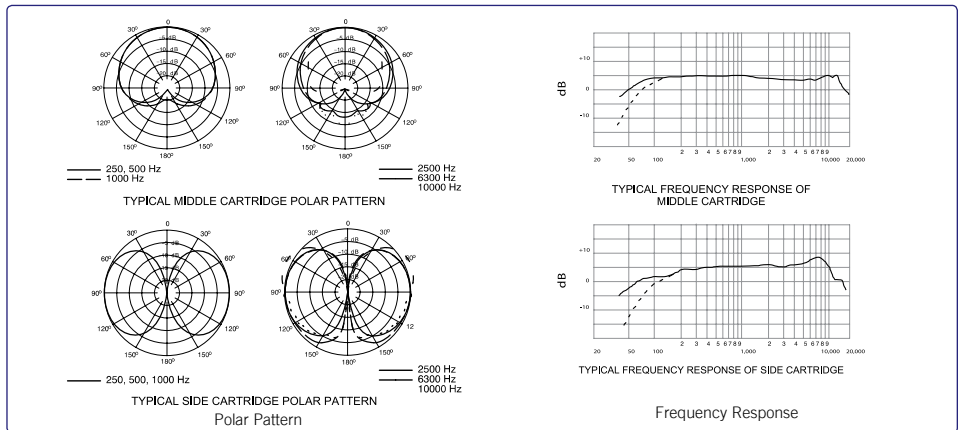
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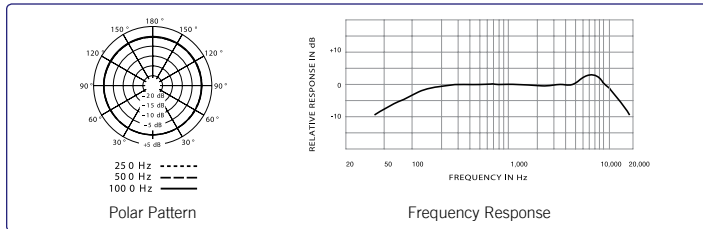
VP82



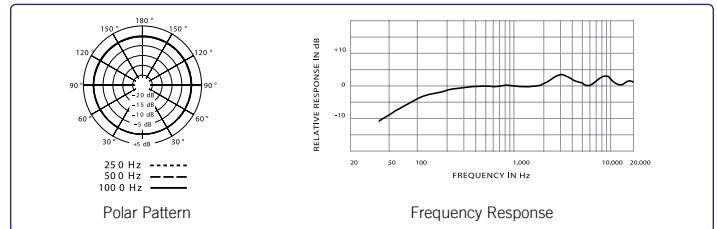
VP88



VP64A



SM63



Technical Specifications

Model	Type	Frequency Response	Polar Pattern	Sensitivity (at 1 kHz, Open Circuit Voltage)	Output Impedance	Maximum SPL (1 kHz at 1% THD)	Net Weight
VP89S	Condenser	140 to 20,000 Hz	Hypercardioid/Lobar	-33.5 dBV/Pa (2.11 mV)	115.0 Ω	2500 Ω load: 132.0 dB 1000 Ω load: 128.5 dB	117 grams (4.1 oz)
VP89M	Condenser	100 to 20,000 Hz	Hypercardioid/Lobar	-33.5 dBV/Pa (2.11 mV)	115.0 Ω	2500 Ω load: 132.0 dB 1000 Ω load: 128.5 dB	138 grams (4.9 oz)
VP89L	Condenser	60 to 20,000 Hz	Hypercardioid/Lobar	-33.5 dBV/Pa (2.11 mV)	115.0 Ω	2500 Ω load: 132.0 dB 1000 Ω load: 128.5 dB	174 grams (6.1 oz)
VP82	Condenser	150 to 20,000 Hz	Supercardioid/Lobar	-36.0 dBV/Pa (2.11 mV)	144 Ω	2500 Ω load: 122.5 dB 1000 Ω load: 116.5 dB	76 grams (6.1 oz)
VP88	Condenser	40 to 20kHz	Birdirectional Cardioid	-66 dBV/Pa/Pa (0.5 mV)	150 Ω	800 Ω load: 129 dB 150 Ω load: 119 dB	417 grams (14.7 oz)
VP64A	Dynamic	50 to 12,000 Hz	Omnidirectional	-51.5 dBV/Pa (2.7 mV)	low 300 Ω facture	—	158 grams (5.6 oz)
SM63	Dynamic	80 to 20,000 Hz	Omnidirectional	-56.5 dBV/Pa (1.5 mV)	150 Ω	—	99 grams (3.05 oz)

SHURE[®]
LEGENDARY
PERFORMANCE™

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