



SHURE PGA31-TQG MICROPHONE Headworn, condenser, cardioid, TA4F connector, black

Stock code

92-404

Brand

Shure

Model number

PGA31-TQG

PGA31

Colour

Black



SHURE MICROPHONES - Headworn

A range of headworn microphone series' from Shure that may be used wired or with a Shure radiomic wireless body-pack, depending on model.

PG Series



PGA31-TQG

Shure **PGA31** is a cardioid, condenser headset microphone that is designed to offer a clear audio response 'at an affordable price'. The permanently-charged electret condenser element, flexible gooseneck, tailored frequency response, and TA4F termination make it a great addition to a bodypack wireless system for live use. A wireframe enables a secure fit, whilst the flexible gooseneck design and discrete adjustment options optimize microphone positioning.

Shure suggest **PGA31** is best used for general, speaking and performance.

Included accessories: Windscreen.

Frequency response: 60-20,000Hz. Polar pattern: Unidirectional, cardioid. Output impedance: 600ohms. Audio output level: -50dBV/Pa. Signal to noise ratio: 66dB. Weight: 45g

SM Series



SM 10A

DISCONTINUED

This is a low-impedance, unidirectional dynamic microphone designed for 'close-talk head-worn applications such as remote-site sports broadcasting and corporate intercom systems'. It is also 'ideal for singing drummers, keyboard artists, and other performers who need a head-worn vocal microphone with superior noise rejection and a smooth, natural-sounding frequency response'.



SM31FH-TQG

Designed for fitness, aerobic and other uses in humid environments, the **SM31FH-TQG** is a lightweight headset microphone with 'moisture-repelling' hydrophobic properties. The cardioid condenser microphone capsule is positioned at the end of a flexible gooseneck on the left side of the headset. Terminated with TA4F (4-pin mini XLR) connector it requires 5V DC nominal, 10V maximum, phantom power.



SM35-XLR, SM35-TQG

The **SM35-XLR** headset microphone has been designed to offer 'hands-free performance for multi-instrumentalists'. The 'tight' cardioid condenser capsule gives a high level of feedback rejection and is popular among users who use stage monitors. A 'tailored' frequency response of 40Hz - 20kHz and a sensitivity of -59dBV/Pa - 1.10mV/Pa results in a 'clear, and crisp vocal reproduction'. It is terminated with a 3-pin male XLR connector. The **SM35-TQG** has the same audio properties but is fitted with a miniature, 4-pin, female connector (TA4F) for direct connection to Shure wireless bodypack transmitters.

WH Series



WH20-XLR, WH20-TQG

The **WH20-XLR** is a 'rugged, lightweight, dynamic headset microphone that provides high-quality voice pickup'. It fits securely for active microphone users, such as aerobics instructors and musicians, with low visibility for stage appearances. Suitable for 'any voice communications application where comfort and reliability are required', it has a cardioid (unidirectional) pickup pattern and a 'carefully

shaped frequency response includes a voice-frequency presence peak and a low-frequency rolloff'. It has a 3-pin male XLR connector with a detachable belt clip. The [WH20-TQG](#) is similar, fitted with a miniature, 4-pin, female connector for direct connection to Shure wireless bodypack transmitters.

BETA Series



BETA 53 DISCONTINUED

A 'fully adjustable omnidirectional condenser headworn vocal microphone, designed for applications where unobtrusive appearance and incredible sound quality are required'. The WBH53 is the same microphone, fitted with a connector to suit a Shure wireless bodypack transmitter.



BETA 54 DISCONTINUED

A 'subminiature, electret condenser headworn microphone', this provides 'uncompromised sound quality and reliability with minimal visibility in applications such as broadcast, theatre, and touring'. The microphone has a 'durable, low-profile wire frame headband which is fully adjustable for stability and comfort'. The WBH54 is the version with a connector suitable for a Shure wireless bodypack transmitter.

WCM Series



WCM 16

A headworn, electret condenser microphone, intended for wireless use by performers, lecturers, and others. The cable terminates with a 4-pin mini connector suitable for Shure wireless bodypack transmitters.

WBH Series



WBH 53B, WBH 53T DISCONTINUED

These types are omnidirectional condenser microphones, 'designed for applications where unobtrusive appearance and incredible sound quality are required'. The WBH53B is black, and has a 1.5m cable with 4-pin mini connector (TA4F) suitable for a Shure wireless bodypack transmitter. The WBH53T is tan coloured, but otherwise the same. The BETA53 is the version for use with a cable rather than a transmitter pack.



WBH 54B, WBH 54T

Condenser microphones with a supercardioid polar pattern. The [WBH54B](#) is black, and has a 1.5m cable with 4-pin mini connector (TA4F) suitable for a Shure wireless bodypack transmitter. The WBH54T is tan coloured, but otherwise the same.

TwinPlex Series

Shure TwinPlex omnidirectional headworn microphones have been designed for use in the theatre, broadcast TV, Film and AV sectors. These condenser microphones use the same element as TwinPlex miniature microphones, see [SHURE MICROPHONES - Miniature](#) however they are combined with an 'ultra-light' adjustable headset frame.

TwinPlex [TH53](#) headset microphones are available in a variety of colours and with various terminations including LEMO, TA4F, MicroDot, or bare wire (unterminated). Users can replace most parts of the headset individually, including replacement boom, headset frame, earhook sleeves, cable flex etc. Please contact our Sales team for more information.



TH53

Requiring 5VDC phantom power, this dual-diaphragm condenser microphone has a low sensitivity of -45dBV (5.62mV), along with a high maximum SPL of 142dB and a dynamic range of 117.5dB. The dual-diaphragm design increases the surface area, which in turn gives 'robust low frequency response', gives a natural response for voice pickup, and offers low self-noise of 24.5dB equivalent.

The pre-polarised condenser capsule is housed in a moulded ABS housing giving a diameter of 5.6mm and length of 13.5mm. The 1.6m (length), 1.1mm (diameter) cable has a single, medical-grade, spiralling conductor which aids flexibility and durability. The cable is paintable and is also 'immune to memory effects and kinks'. The included and interchangeable frequency caps are moisture and sweat-resistant thanks to their 'superhydrophobic nanoscopic' coating.

Frequency response: 20Hz – 20kHz. Sensitivity: -45 dBV, 1kHz. Signal to noise: 69.5dB. Output clipping level: 3dBV, 1kHz, 1% THD typical. Self noise: 24.5dB SPL-A. Maximum SPL: 142dB SPL, 1kHz at 1% THD typical. Dynamic range: 117.5dB. Current draw: 120 - 240 microamps, typical. Bias voltage: 5 VDC. Weight: 12g, boom arm with cable; 6g, headset frame.

DuraPlex Series

DuraPlex series of headworn microphones have been designed for use within broadcast, stage, theatre, or any environment where a neutral, clear sound is required. Versions are terminated with LEMO or TA4F connector and are available in black, cocoa, or tan along with a host of matching accessories and spares.

DH5








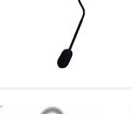





With IP57 dust and waterproof rating, [DH5](#) gives protection against sweat, moisture, and dirt, giving the microphone a longer expected lifespan. The 5mm omnidirectional capsule is positioned at the end of a repositionable boom arm, and provides a frequency response of 20Hz to 20kHz. The microphone is provided with a presence cap that, when fitted tailors the frequency response for speech application by reducing frequencies higher than 10kHz and increasing frequencies between 4kHz and 10kHz by around 3dB. The



1.6mm Shure Plex cable, which offers 'virtually zero memory effect', doesn't kink, and is fully paintable, has a dual redundant ground which also doubles as a secondary shield.

Included accessories: Single tie clip, presence cap, snap-fit windscreen, foam windscreen, sticky mount, case.

Frequency response: 20Hz - 20kHz. Sensitivity: -42.5dBV, 1kHz. Signal to noise: 63dB. Maximum SPL: 132dB, 1kHz. Dynamic range: 101dB, typical. Cable diameter: 1.6mm. Cable length: 1.67m. Weight: 20g.

Description	
	SHURE PGA31-TQG MICROPHONE Headworn, condenser, cardioid, TA4F connector, black Stock code: 92-404
	SHURE SM10A MICROPHONE Headworn, dynamic, cardioid, XLR connector, black/silver Stock code: 92-403
	SHURE SM31FH-TQG MICROPHONE Headworn, condenser, cardioid, TA4F connector, black/orange Stock code: 92-445
	SHURE SM35-XLR MICROPHONE Headworn, condenser, cardioid, XLR connector, black/grey Stock code: 92-446
	SHURE SM35-TQG MICROPHONE Headworn, condenser, cardioid, TA4F connector, black/grey Stock code: 92-447
	SHURE WH20-XLR MICROPHONE Headworn, dynamic, cardioid, XLR connector, black Stock code: 92-449
	SHURE WH20-TQG MICROPHONE Headworn, dynamic, cardioid, TA4F connector, black Stock code: 74-6449
	SHURE WCM16 MICROPHONE Headworn, condenser, hypercardioid, TA4F connector, black Stock code: 74-6448
	SHURE BETA 53 MICROPHONE Headworn, condenser, omnidirectional, XLR connector, black Stock code: 74-6241
	SHURE BETA 54 MICROPHONE Headworn, condenser, supercardioid, XLR connector, black Stock code: 74-6242
	SHURE WBH53B MICROPHONE Headworn, condenser, omnidirectional, TA4F connector, black Stock code: 74-6421
	SHURE WBH53T MICROPHONE Headworn, condenser, omnidirectional, TA4F connector, tan Stock code: 74-6422
	SHURE WBH54B MICROPHONE Headworn, condenser, supercardioid, TA4F connector, black Stock code: 74-6423

Description

SHURE WBH54T MICROPHONE Headworn, condenser, supercardioid, TA4F connector, tan
Stock code: [74-6424](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, LEMO, black
Stock code: [74-0161](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, MicroDot, black
Stock code: [74-0162](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, TA4F, black
Stock code: [74-0163](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, bare wire termination, black
Stock code: [74-0164](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, LEMO, cocoa
Stock code: [74-0165](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, MicroDot, cocoa
Stock code: [74-0166](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, TA4F, cocoa
Stock code: [74-0167](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, LEMO, tan
Stock code: [74-0169](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, MicroDot, tan
Stock code: [74-0171](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, TA4F, tan
Stock code: [74-0172](#)



SHURE TWINPLEX TH53 MICROPHONE Subminiature headset, omni, condenser, bare wire termination, tan
Stock code: [74-0173](#)

Description

SHURE DURAPLEX DH5 MICROPHONE Subminiature headset, omni, IP57 waterproof, LEMO, black
Stock code: [74-0181](#)



SHURE DURAPLEX DH5 MICROPHONE Subminiature headset, omni, IP57 waterproof, LEMO, cocoa
Stock code: [74-0182](#)



SHURE DURAPLEX DH5 MICROPHONE Subminiature headset, omni, IP57 waterproof, LEMO, tan
Stock code: [74-0183](#)



SHURE DURAPLEX DH5 MICROPHONE Subminiature headset, omni, IP57 waterproof, TA4F, black
Stock code: [74-0184](#)



SHURE DURAPLEX DH5 MICROPHONE Subminiature headset, omni, IP57 waterproof, TA4F, cocoa
Stock code: [74-0185](#)



SHURE DURAPLEX DH5 MICROPHONE Subminiature headset, omni, IP57 waterproof, TA4F, tan
Stock code: [74-0186](#)



SHURE RPM40PC PRESENCE CAP For TL45/46/47/TH53, white, pack of 10
Stock code: [74-0212](#)



SHURE RPM40FC FLAT CAP For TL45/46/47/TH53, black, pack of 10
Stock code: [74-0204](#)



SHURE RPM40FC FLAT CAP For TL45/46/47/TH53, cocoa, pack of 10
Stock code: [74-0205](#)















SHURE RPM40FC FLAT CAP For TL45/46/47/TH53, tan, pack of 10
Stock code: [74-0206](#)



SHURE RPM40FC FLAT CAP For TL45/46/47/TH53, white, pack of 10
Stock code: [74-0207](#)



SHURE RPM40PC PRESENCE CAP For TL45/46/47/TH53, black, pack of 10
Stock code: [74-0208](#)

Description		
	SHURE RPM40PC PRESENCE CAP For TL45/46/47/TH53, cocoa, pack of 10 Stock code: 74-0209	
	SHURE RPM40PC PRESENCE CAP For TL45/46/47/TH53, tan, pack of 10 Stock code: 74-0211	
	SHURE RPMDL4SFWS/B WINDSCREEN Snap-fit, for DuraPlex DL4/DH5, black, pack of 3 Stock code: 74-0251	per pack
	SHURE RPMDL4SFWS/C WINDSCREEN Snap-fit, for DuraPlex DL4/DH5, cocoa, pack of 3 Stock code: 74-0252	per pack
	SHURE RPMDL4SFWS/T WINDSCREEN Snap-fit, for DuraPlex DL4/DH5, tan, pack of 3 Stock code: 74-0253	per pack
	SHURE RPMDL4SFWS/W WINDSCREEN Snap-fit, for DuraPlex DL4/DH5, white, pack of 3 Stock code: 74-0254	per pack
	SHURE RPMDL4FC/B FREQUENCY CAP For DuraPlex DL4/DH5, black, pack of 5 Stock code: 74-0261	per pack
	SHURE RPMDL4FC/C FREQUENCY CAP For DuraPlex DL4/DH5, cocoa, pack of 5 Stock code: 74-0262	per pack
	SHURE RPMDL4FC/T FREQUENCY CAP For DuraPlex DL4/DH5, tan, pack of 5 Stock code: 74-0263	per pack
	SHURE RPMDL4FC/W FREQUENCY CAP For DuraPlex DL4/DH5, white, pack of 5 Stock code: 74-0264	per pack
	SHURE RPMDH5CASE SPARE CASE For DuraPlex DH5 Stock code: 74-0266	
	SHURE MD40TA4F ADAPTER MicroDot to TA4F for Shure compatibility Stock code: 74-0202	

Description



SHURE MD40LEMO ADAPTER MicroDot to LEMO 3-pin

Stock code: [74-0201](#)



SHURE MD40TA5F ADAPTER MicroDot to TA5F for Lectrosonics compatibility

Stock code: [74-0203](#)



SHURE RPM626 PREAMPLIFIER 4-pin TA4F to 3-pin XLR, for TQG versions

Stock code: [92-448](#)

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