



InVision

Microphone Suspensions
for vibration isolation



AVAILABLE IN
10 "INV" SIZES

INV-1
Studio
InVision Lyre

InVision

PRODUCT RANGE

The InVision 'lyre' suspension is the ideal answer to isolating vibrations to microphones where a discrete low profile is essential.

It can be used for a wide range of 'compact' microphone series, 'remote capsule' systems and some short to medium bodied small-diaphragm microphones.

The InVision range retains all the flexibility, balance and professional performance that you can expect from a Rycote microphone suspension.



InVision
Lyre web

Standard
Lyre web

Which InVision do I need?

If your microphone is not listed at the back of this brochure, visit our website to find the InVision model for your microphone.

www.rycote.com/products/invision

AVAILABLE IN
10 "INV" SIZES

INV-3
Studio
InVision Lyre

 Rycote

Versatile studio and boompole applications

STUDIO & CONFERENCE*

INV-1, INV-2 & INV-3 are designed specifically for static use on desk & floor stands, when a discrete profile is essential.

The lyre suspension webs of these InVision have a small profile designed to isolate in fixed situations for 'compact' microphone series and 'remote capsule' systems.

INV-1,2 & 3 SPECIFICATION

The InVision lyre webs are just 43mm wide by 40mm high, fit on a standard bar and can be angled by the self adjusting screw. Available with either 9.5mm clip (INV-1), 1 x 9.5mm and 1 x 20mm clip (INV-2) or 20mm clip (INV-3).

The INV-1 also includes a reducing sleeve that fixes onto remote capsule microphones such as the Schoeps CCM and DPA 4000 series.

The clips on the INV-1 and INV-2 hold the microphone by the connector so that a foam gag can be used if required.

SEE TABLE AT BACK FOR SIZING

*Not suitable for boompole use



INV-2
Studio
InVision Lyre

BOOMPOLE & STATIC

INV-4, INV-5 & INV-6 are all designed for either boompole or static use. Like the InVision 1, 2 and 3 they have the standard bar and can be used with smaller remote capsule microphones.

INV-7 & INV-8 have both been designed for either boompole or static use. They have a long bar that allows the lyre webs to be mounted 70mm (as supplied) 45mm or 25mm apart.

INV-4,5 & 6 SPECIFICATION

The standard lyre webs are 70mm wide to provide improved isolation when used on a boom, fit on a standard bar and can be adjusted and tightened by the star knob. Available with either 9.5mm clip including a reducing sleeve (INV-4), 1 x 9.5mm and 1 x 19/22mm clip (INV-5) or 19mm-25mm universal clip (INV-6).

SEE TABLE
AT BACK
FOR SIZING

INV-5
Boompole & Static
Standard Lyre



INV-7, & 8 SPECIFICATION

The standard lyre webs are 70mm wide to provide improved isolation when used on a boom, fit on a long bar and can be adjusted and tightened by the star knob. Available with either 19mm-25mm universal clips (INV-7) or 30mm clips (INV-8) and are suitable for short to medium length small diaphragm microphones.

SEE TABLE AT BACK FOR SIZING

INV-7
Boompole & Static
Standard Lyre



Versatile studio and boompole applications

BOOMPOLE & STATIC

INV-9 has been designed for either boompole or static use. It has the long bar and can be used with Shure SM57 or SM58 and the Neuman KMS 105 microphones.

INV-9 SPECIFICATION

The standard lyre webs are 70mm wide to provide improved isolation when used on a boom, fit on a long bar and can be adjusted and tightened by the star knob. Available with 30mm clip front and 19mm-25mm universal on the back.

SEE TABLE AT BACK FOR SIZING

Which InVision do I need?

If your microphone is not listed in this brochure, visit our website to find the InVision model for your microphone.

www.rycote.com/products/invision



INV-9
Boompole & Static
Standard Lyre

BOOMPOLE & STATIC

INV-10 has been designed for either boompole or static use. It has the long bar and is specifically designed to work with the Sennheiser MKH range of microphones.

INV-10 SPECIFICATION

The standard lyre webs are 70mm wide to provide improved isolation when used on a boom, fit on a long bar and can be adjusted and tightened by the star knob. Available with MKH clip front and MKH on the back. The INV-10 has been designed specifically for the Sennheiser MKH range of microphones (MKH 20,40,50 & 60).

SEE TABLE AT BACK FOR SIZING



INV-10
Boompole & Static
Standard Lyre

 Rycote

Technical notes on vibration isolation

MICROPHONE ISOLATION TECH NOTES

The Rycote 'lyre' webs rely primarily on their shape to give different performance on each axis. Typically, a 100g force will barely move a microphone 1mm along the (up & down) Y axis, whereas it will move about four times that on the (left & right) X axis. In the critical Z axis, it will move something like 10 times as far.

With a very low inherent tension the resonant frequency can be very low too, and the Z displacement can be vast. Even with small-mass compact microphones, a resonance of <8Hz is possible, which means that microphones can be well-isolated across almost their entire frequency range.

Damping has to be added to metal spring suspensions, and although integral to rubber band versions, is not very easy to control.

With the Rycote lyre webs damping has been selected almost independently by choosing a suitable plastic. The Hytrel that Rycote uses not only damps smoothly but maintains its characteristics even down to arctic temperatures.

Where springs and elastic bands become thin and fragile, and the range of softness for rubber and foam is limited.

However this does not apply to lyre webs. The lyre webs isolate microphones down to <30Hz, yet are tough enough to be dropped on the floor without risk.

INV-9
Boompole & Static
Standard Lyre



The InVision lyre has 'shape memory' that allows it to be tied in knots without developing a permanent 'set' or breaking, making the lyre virtually unbreakable.



Order information



INV-1*
STUDIO

Fitted with:

- 2 x 9.5mm clips with InVision (43mm wide) lyres, and a reducing sleeve
- Standard bar with 25mm (1") centres
- Sleeve clips onto the microphone connector and the cable, leaving the microphone casing free to be fitted with a foam windscreen if required

Suitable for following microphones

AKG C747; **Ambient** TinyMic, **Audio Technica** AT853a, PRO45, AT831b, AT803b, PRO35, PRO70, ATM350, ES933, **DPA** 4053, 4052, 4036, 4033, 4028, 4023, **MBHO** KA Series w/MBP 648A, **Milab** VM-44 **Schoeps** CCM (Lemo) **Sennheiser** ME36



INV-2*
STUDIO

Fitted with:

- 1 x 20mm clip at the front and 1 x 9.5mm clip at the rear, with InVision (43mm wide) lyres
- Standard bar with 25mm (1") centres

Suitable for following microphones

Neumann KM 100 & KM-D series (remote) **RODE** NT6 **Schoeps** MK w/KC active cable, CMC w/KC active cable, CCM Ug **Sennheiser** MKH 8000 series with MZL



INV-3*
STUDIO

Fitted with:

- 2 x 20mm clips with InVision (43mm wide) lyres
- Standard bar with 25mm (1") centres

Suitable for following microphones

AKG C 430 **Bauer** C2 **Behringer** C2 **DPA** 4027, 4022, 4021 **MBHO** MBNM 410 **Sennheiser** MKH8000 Series w/MZX8000

Which InVision do I need?

If a fixed discrete profile is essential, use the **STUDIO** INV-1, INV-2 & INV-3
If boompole use is required, choose the **BOOMPOLE & STATIC** INV-4 to INV-10

INV-1

Lyre Web	InVision
Front clip	9.5 mm
Back clip	9.5 mm
Sleeve	Yes
Bar size	Standard

ORDER CODE: 041101

INV-2

Lyre Web	InVision
Front clip	20 mm
Back clip	9.5 mm
Sleeve	No
Bar size	Standard

ORDER CODE: 041102

INV-3

Lyre Web	InVision
Front clip	20 mm
Back clip	20 mm
Sleeve	No
Bar size	Standard

ORDER CODE: 041103

*Not suitable for boompole use



INV-4
BOOMPOLE & STATIC

- Fitted with:**
- 2 x 9.5mm clips with Standard (70mm wide) lyres, and a reducing sleeve
 - Standard bar with 25mm (1") centres
 - Sleeve clips onto the microphone connector and the cable, leaving the microphone casing free to be fitted with a foam windscreen if required

Suitable for following microphones

AKG C 747; **Ambient** TinyMic, **Audio Technica** AT853a, PRO45, AT831b, AT803b, PRO35, PRO70, ATM350, ES933, **DPA** 4053, 4052, 4036, 4033, 4028, 4023, **MBHO** KA Series w/MBP 648A, **Milab** VM-44 **Schoeps** CCM (Lemo) **Sennheiser** ME36



INV-5
BOOMPOLE & STATIC

- Fitted with:**
- 1 x 20mm clip at the front and 1 x 9.5mm clip at the rear, with Standard (70mm wide) lyres
 - Standard bar with 25mm (1") centres

Suitable for following microphones

Beyer CK930 **Neumann** KM 100 & KM-D series (remote) **RODE** NT6 **Schoeps** MK w/KC active cable, CMC w/KC active cable, CCM Ug **Sennheiser** MKH 8000 series with MZL



INV-6
BOOMPOLE & STATIC

- Fitted with:**
- 2 x 19-25mm universal clips, with Standard (70mm wide) lyres
 - Standard bar with 25mm (1") centres
 - Maximum microphone length 120mm

Suitable for following microphones

AKG C 430, **Bauer** C2, **Behringer** C2, **DPA** 4027, 4022, 4021, **MBHO** MBNM 410, **Sennheiser** MKH8000 Series w/MZX8000, **Audio Technica** AT3528, AT3527, AT4053a, ES973, ATM33a, ATM10a, AT804, PRO37, PRO24-CM,PRO24, ATM450 **M-Audio** Pulsar II, **Neumann** KM 100 series, **Sennheiser** e906



INV-7
BOOMPOLE & STATIC

- Fitted with:**
- 2 x 19-25mm universal clips, with Standard (70mm wide) lyres
 - Long bar with 70mm (2.75") centres

Suitable for following microphones

AKG ULS W/C451, C 568 EB, D130, CK63 460, CK61 C460 B, CK1 460, CK1 451, CK93 SE300 B, CK92 SE300 B, CK01 SE300 B, ULS W/C480, ULS W/C460, **Audio Technica** AT 835ST, AT 825, AT 822, AT4051a, AT4049a, AT3032, AT3031, AT4041, AT3031, AT897, AT4073a, AT875R, **AVE Stuttgart** ACM 20, **Azden** SMX-10, SGM-X, SGM-2X, **Beyer** MC 836, MCE 87vs, MC728, MC718, M69, MC713, MC723, M201, M88, M160, MC 836, MCE 86, **ClockAudio** C 850 E, **DPA** 4017, 4011, **Eath-works** SR 20, SR 25, SR 30/4c, SR 30, **Edirol** CS-50, **Neumann** KM 100 F, KM-D Series, KM 185, KM 184, KM 183, KM 180 Series, KMR-811, **Nevation** MC 401, MC 49, **Oktava** MC 012, **Paso** MC 250, **Pearl** MS 2, **Rode** NT5, NTG-1, NTG-2, NTG-3, **Samson** CL 2, CO 2, **Sancken** CMS 9, CMS 7, CMS 2, CUW-180, CS-1, CS-3, **Schoeps** CMT - 5U, CMC series, CMC Series with Cut 1, **Sennheiser** ME80 K3U, ME66 K6, MKE 44P, ME65 K6, ME64 K6, ME62 K6, MKH 406, MKH 416, **Shure** SM 81, SM 94, VP 64AL, VP 64A, KSM 141, KSM 137, KSM 109, **Sony** ECM 670, ECM 678, ECM 674, ECM 673, ECM 680S



INV-8
BOOMPOLE & STATIC

- Fitted with:**
- 2 x 30mm clips, with Standard (70mm wide) lyres
 - Long bar with 70mm (2.75") centres

Suitable for following microphones

Neumann RSM 191, RSM 190 **Pearl** MSH10 **Sony** ECM 999, ECM 979, ECM 959



INV-9
BOOMPOLE & STATIC

- Fitted with:**
- 1 x 30mm clip front & 1 x 19/25mm lyre back, on Standard (70mm) lyres
 - Large bar- 70mm (2.75") centres.

Suitable for following microphones

Neumann KMS 105 **Shure** SM 57, SM 58



INV-10
BOOMPOLE & STATIC

- Fitted with:**
- 2 x MKH Square Lyres, on Standard (70mm) lyres.
 - Large bar- 70mm (2.75") centres.

Suitable for following microphones

Sennheiser MKH20, MKH40, MKH50, MKH60



InVision
ADAPTOR

Description: Every InVision fits a 3/8" 16 microphone stand, and comes supplied with a 5/8" 27 thread adaptor.

Spec below

Adaptor specifications

Description: 5/8" Female to 3/8" Male Adaptor
Male thread: 3/8" 16 (BSW) x Length 8.0 mm (0.315")
Female thread: 5/8" 27 (UN) x Depth 15.0 mm (0.590")
Weight: 15.2 gram (0.54 oz)
Material: Brass

Which InVision do I need?

If a fixed discrete profile is essential, use the **STUDIO** INV-1, INV-2 & INV-3
If boompole use is required, choose the **BOOMPOLE & STATIC** INV-4 to INV-10

INV-4	
Lyre Web	Standard
Front clip	9.5 mm
Back clip	9.5 mm
Sleeve	Yes
Bar size	Standard

ORDER CODE: 041104

INV-5	
Lyre Web	Standard
Front clip	19-22 mm
Back clip	9.5 mm
Sleeve	No
Bar size	Standard

ORDER CODE: 041105

INV-6	
Lyre Web	Standard
Front clip	19-25 mm
Back clip	19-25 mm
Sleeve	No
Bar size	Standard

ORDER CODE: 041106

INV-7	
Lyre Web	Standard
Front clip	19-25 mm
Back clip	19-25 mm
Sleeve	No
Bar size	Long

ORDER CODE: 041107

Which InVision do I need?

Visit our website to find the InVision model for your microphone
www.rycote.com/products/invision

INV-8	
Lyre Web	Standard
Front clip	30 mm
Back clip	30 mm
Sleeve	No
Bar size	Long

ORDER CODE: 041108

INV-9	
Lyre Web	Standard
Front clip	30 mm
Back clip	19-25 mm
Sleeve	No
Bar size	Long

ORDER CODE: 041109

INV-10	
Lyre Web	Standard
Front clip	MKH
Back clip	MKH
Sleeve	No
Bar size	Long

ORDER CODE: 041110

www.rycote.com

ADAPTORS INCLUDED
with all InVision products.

INCLUDED



Rycote Microphone Windshields Ltd

Libby's Drive, Slad Road
Stroud
Glos, GL5 1RN
United Kingdom

Tel + 44 (0) 1453 759338

Fax + 44 (0) 1453 764249

Email info@rycote.com

www.rycote.com



Rycote brochures are printed on recycled paper.

Rycote is a family owned and run company and has been manufacturing microphone shock mounts and windshields for over forty years.

We are very proud to say that we design, develop and manufacture all our products at our factory in Stroud, U.K.



INV-7
Boompole & Static
Standard Lyre