

applied microphone technology inc.

www.appliedmicrophone.com

PROFESSIONAL INSTRUMENT MICROPHONES Built in the USA!



2015 Catalog

- Hand crafted in the USA.
- The most natural sounding instrument microphone available today.
- Designed specifically for each instrument.
- Wired preamp setups.
- Wireless with the belt packs.
- Belt pack wireless setups.
- Live and studio applications
- Designed by musicians for musicians.

Applied Microphone Technology

New for 2015

Quantum7 - Clip-on Wireless

- True Diversity receiver.
- Up to 400 feet line of sight operating range.
- Compatible with all AMT microphones that include disconnects. (DCT)
- Bright LCD Display with RF and AF levels, channel, and frequency.
- Order separately or with a microphone specific for each instrument.
- IR sync to change channel on AA powered clip-on transmitter.
- 100 selectable frequencies. (region dependent)

BAS - Bassoon Microphone system

- Double microphone setup with clamping specific for bassoon.
- Available in wired or wireless configurations.
- Clamps designed specifically for bassoon.
- Includes the AMT LS microphones with DCT.

P800BM - Trumpet Bell Mounted Microphone

- Bell mounted.
- Fully adjustable swivel clamp to allow for mounting on a trumpet stand.
- Same microphone capsule as the P800 "off the bell" system.
- No need to remove the microphone when using a trumpet stand.
- Available with AMT preamps or in wireless configurations.
- Perfect for soloist or lead players that want a bell mounted solution.
- Includes DCT.

P808OB - Trombone "Off the Bell" Mounted Microphone

- "Off the Bell" mounting system for trombone.
- Available in wired or wireless configurations.
- Clamp designed specifically for the angle of a trombone.
- Includes AMT P808 element specifically designed for trombone.
- Perfect for soloist or lead players that need a bell mounted solution.
- Includes DCT.

ACCR/ACCW - Accordion Microphone

- External mounted double microphone for right hand. (ACCR)
- Internally mounted single microphone for the left hand. (ACCL)
- Complete three microphone wireless system for full size accordions. (ACCW)
- Works with all AMT wireless systems.
- Easy to install without the need to remove the bellows.
- Engineered to boost the lower bassoon reeds that often reproduce less volume.
- Quick and easy to remove right hand microphone for use on multiple instruments.
- Order additional left hand setups for additional accordions.

ACCXW / ACCX - Single Accordion Microphone

- For smaller size diatonic and piano accordions.
- Externally mounted wired (ACCX) or wireless. (ACCXW)
- Clamps designed specifically for accordion.

Additional

- **HR3R** - Rack Mountable Chromatic Harmonica Microphone. (See harmonicas pg.5)
- **Ta6** - Collapsible Double Soprano/ Single Tenor/ Alto Multi-purpose microphone.

Brass Microphones

*All models also available with optional preamps or without preamp. IE: "I", "Studio", "W"

P800 - Trumpet "Off the Bell" Mounted Microphone

- "Off the Bell" mounting
- High SPL element, double the measurement of our standard capsule.
- Available with AMT preamps or in wireless configurations.
- Perfect for soloist or lead players that do not want a bell mounting.
- Includes DCT for use with AMT wireless.



P800BM - Trumpet Bell Mounted Microphone

- Bell mounted.
- Fully adjustable swivel clamp to allow for mounting on a trumpet stand.
- Same microphone capsule as the P800 "off the bell" system.
- No need to remove the microphone when using a trumpet stand.
- Available with AMT preamps or in wireless configurations.
- Perfect for soloist or lead players that need a bell mounted solution.
- Includes DCT for use with AMT wireless.



P808 - Trombone and Low Brass Bell Mounted Microphone

- "Off the Bell" mounting system for trombone.
- Available in wired or wireless configurations.
- Clamp mounts securely to the bell with optional reinforcement screw.
- Includes AMT P808 element specifically designed for trombone.
- Perfect for soloist or section players that need a bell mounted solution.
- Includes DCT for use with AMT wireless.



P808OB - Trombone "Off the Bell" Mounted Microphone

- "Off the Bell" mounting system for trombone.
- Available in wired or wireless configurations.
- Clamp designed specifically for the angle of a trombone.
- Includes AMT P808 element specifically designed for trombone.
- Perfect for soloist or lead players that need a bell mounted solution.
- Includes DCT for use with AMT wireless.



Double Reed & Bass Clarinet

BCS - Double Bass Clarinet Microphone

- Includes a two microphone setup for even coverage of instrument.
- Clamp designed for most common bass clarinet models.
- Includes two inline preamps. (Phantom power required)
- Preamp not needed if ordered for AMT wireless systems.



BAS - Double Bassoon Microphone

- Includes a two microphone setup for even coverage of instrument.
- Strap and clamp system designed to fit different diameters.
- Includes two inline preamps. (Phantom power required)
- Preamp not needed if ordered for AMT wireless systems.



WS - Oboe / Clarinet Microphone

- See WS in woodwind section.



*All models also available with optional preamps or without preamp. IE: "I", "Studio", "W"



LS - Tenor / Alto / Bari Saxophone Microphone

- AMT 1st choice for tenor, alto, and bari saxophones.
- Also works for soprano saxophone and clarinet as a 2nd choice. See clamps pg 6.
- Includes disconnect (DCT) and iso-ring suspension system.
- Available with various AMT preamps and wireless configurations.
- Includes BP45 belt pack style preamp. Requires phantom power or 1 - AA battery.
- Perfect match for AMT Wi5C, Wi5IIC, and Q7 wireless systems.



WS - Double Clarinet / Oboe Microphone

- AMT 1st choice for clarinet and oboe.
- Includes disconnect (DCT) and double mic/iso-ring suspension system.
- Predetermined mix between two mics to achieve the most natural sound possible.
- Available with various AMT preamps and wireless configurations.
- Includes BP45 belt pack style preamp. Requires phantom power or 1 - AA battery.
- Perfect match for AMT Wi5C, Wi5IIB, Wi5IIC, and Q7 wireless systems.



Z1 - Flute Microphone

- AMT 1st choice for C flute.
- Manufactured with special plastics to reduce the weight of microphone.
- Includes disconnect (DCT) and iso-ring suspension system.
- Available with various AMT preamps and wireless configurations.
- Includes BP45 belt pack style preamp. Requires phantom power or 1 - AA battery.
- Perfect match for AMT Wi5C, Wi5IIB, Wi5IIC, and Q7 wireless systems.



Z1L - Alto / Bass Flute Microphone

- AMT 1st choice for soprano saxophone.
- Includes disconnect (DCT) and double mic/iso-ring suspension system.
- Predetermined mix between two mics to achieve the most natural sound possible.
- Available with various AMT preamps and wireless configurations.
- Includes BP45 belt pack style preamp. Requires phantom power or 1 - AA battery.
- Perfect match for AMT Wi5C, Wi5IIB, Wi5IIC, and Q7 wireless systems.

Ta2 - Double Soprano Saxophone

- AMT 1st choice for soprano saxophone.
- Includes disconnect (DCT) and double mic/iso-ring suspension system.
- Predetermined mix between two mics to achieve the most natural sound possible.
- Available with various AMT preamps and wireless configurations.
- Includes BP45 belt pack style preamp. Requires phantom power or 1 - AA battery.
- Perfect match for AMT Wi5C, Wi5IIB, Wi5IIC, and Q7 wireless systems.



Ta6 - Double Soprano/Single Tenor-Alto-Bari Saxophone Mic

- 2 in 1 microphone solution for soprano, alto, tenor, and bari.
- Convert the double Ta2 microphone to a single microphone.
- Flexible single microphone clamp allows placement on any flanged bell instrument.
- Includes disconnect (DCT) and double mic/iso-ring suspension system.
- Predetermined mix between two mics to achieve the most natural sound possible.
- Available with various AMT preamps and wireless configurations.
- Includes BP45 belt pack style preamp. Requires phantom power or 1 - AA battery.
- Perfect match for AMT Wi5C, Wi5IIB, Wi5IIC, and Q7 wireless systems.

97C - Snare / Tom Tom Microphone

- Uses 4 point iso mount to absorb vibration from drum being struck.
- Sold as a set (97-4C) or by itself
- Includes a preamp and case.
- The clamp design allows the microphone to use very little space which keeps the microphone out of the way.



M51 - Bass Drum Microphone

- Light weight, alluminum construction.
- Includes AP40 Studio preamp.
- Captures incredible low frequencies to achieve a massive bass drum sounds with sound pressure levels up to 141db.
- No need for a microphone stand, free placement inside of bass drum.



ERTS - Hand percussion Microphone

- Specially designed clamps allows mounting to many percussion instruments.
- Includes inline preamp, phantom power required.
- Can be used wireless with Shure, Sabine, and Line 6 systems.



B811 - Overhead

- Sold as a set of 2 matched cardioid condenser mics.
- Use as standard overheads for drums and percussion.
- Combine with AMT M40 for stereo piano option.



404 - Overhead

- Sold as a set of 2.
- Use as standard overheads for choirs, drums, percussion, woodwinds and brass.
- Combine with AMT M40 for stereo piano option.



VP2 - Vibraphone and Marimba Microphone

- Two microphone setup designed for vibes and marimba.
- Allows for the closest placement of a microphone to the instrument.
- Quick and easy setup with included clamping system.



Acoustic Piano

M40 - Piano Microphone

- Includes AP40 Studio Preamp with XLR output.
- Electronically balanced
- Phantom power or 9V battery required.
- Microphone stands not needed. Microphone sits inside piano.



M40P - Piano Microphone

- Includes AP41 Preamp with XLR output.
- Transformer circuit
- Phantom power or external power supply included.
- Microphone stands not needed. Microphone sits inside piano.



B811 & 404 - Stereo Piano Microphone setups.

- For a stereo piano option, see model information above.

Strings

Pg5



VS - Violin / Viola Microphone

- Clamp and microphone element specifically designed for violin and viola.
- Tight pattern to allow isolation from other instruments.
- Available with optional AMT preamps or wireless systems.
- Compatible with other major brands of wireless.



S18C - Cello Microphone

- Side mounting clamp for positioning near the F hole.
- Tight pattern to allow isolation from other instruments.
- Available with optional AMT preamps or wireless systems. (**S18i**, **S18-5C**)
- Compatible with other major brands of wireless.



S19B - Cello Microphone

- Adjustable quick release tail piece mounting clamp design.
- Tight pattern to allow isolation from other instruments.
- Available with optional AMT preamps. (**S19i**)



S15G - Acoustic Guitar Microphone

- Side mounting clamp with flexible gooseneck.
- Tight pattern to allow isolation from other instruments.
- Available with optional AMT preamps. (**S15i**, **S15G Studio**)



S3G Studio - Acoustic Guitar Microphone

- Internal mounting setup.
- Omni pattern. Perfect for solo and duo performances at softer volume levels.
- Comes with AP40 Studio preamp.



S25B - Acoustic Bass Microphone

- Original AMT side mounting adjustable clamp system designed for acoustic bass.
- Frequencies engineered to perform next to drummers.
- Comes with AP40 Studio preamp. Optional model: (**S25i**)
- Designed to move from bass to bass as needed.



S25B-TP - Tail Piece Acoustic Bass Microphone

- 1st Generation tail piece mounting system with flexible gooseneck.
- Frequencies engineered to perform next to drummers.
- Comes with AP40 Studio preamp. Optional model: (**S25i-TP**)
- Designed to leave on the bass for longer periods of time.



S26B - Quick Mount -Tail Piece Acoustic Bass Microphone

- 2nd Generation tail piece mounting system w/ flexible and adjustable gooseneck.
- Frequencies engineered to perform next to drummers.
- Comes with AP40 Studio preamp. Optional model: (**S26i**)
- Designed to quickly remove from bass for easy transport.

Harmonica



HR2 - 10 Hole Harmonica Microphone

- Includes inline preamp, phantom power required

HR3 - Adjustable Chromatic Harmonica Microphone

- Includes inline preamp, phantom power required

HR3R - Adjustable Chromatic Harmonica Microphone

- Includes inline preamp, phantom power required. Mounts to NECK rack



BP45 - belt pack preamp

- Phantom power or 1 - AA Battery
- Locking connectors
- XLR Output
- Low pass filter with -10db pad.
- Transformer circuit
- Included with all standard models (LS, VS, WS, Z1, Z1L, P800, P800BM, P808, P808OB, Ta2, S15G, ACCR)



Inline - Inline Preamp

- Locking connector
- Requires phantom power
- XLR Output
- Low pass filter with -10db pad.
- Included with "I" models, ACCX, P43S, S25i, S25i-TP, S26i, S19i, and ERTS.



AP40 - Studio Preamp

- Electronically balanced
- XLR Output with locking input connector
- Sits on floor and out of the way.
- Ideal for pro sound applications.
- Requires phantom power or 9V battery.
- Included with all Studio models. (LS Studio, VS Studio, WS Studio, Z1 Studio, P800 Studio, S25B, S25BTP, S18C, S3G Studio, S15G Studio)



AP41 - Studio Preamp with Transformer

- Transformer circuit
- XLR Output with locking input connector
- Sits on floor and out of the way.
- Ideal for pro sound applications.
- Phantom power or external power supply provided.
- Included with M40P or custom order.
- External power supply included.



AMT Clamp - For flanged bell instrumnets

Clarinet Clamp - Optional LS and P808 clamp used as a 2nd choice recommendation / double on clarinet, alto and bass flutes. Clamp included with the Z1L for alto and bass flutes.

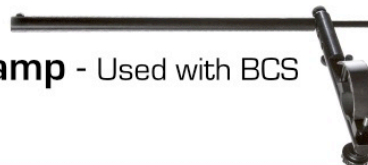


P43S Clamp
Harp microphone



ACCX Clamp - For ACCX & ACCX-W accordion microphones

Bass Clarinet Clamp - Used with BCS system.



ERTS Clamp
Djembe & Perc. microphone

Quantum7 Wireless



Q7-LS
(Saxophone)



Q7-Ta6
(Saxophones - All in one)
(Ten / Alto / Sop / Bari)



Q7-Ta2
(Sop. Saxophone)



Q7-WS
(Clarinet / Oboe)



Q7-HR3
(Harmonica)



Q7-P800BM
(Trumpet)
Bell Mount



Q7-P808
(Trombone)
Bell Mount



Q7-P800
(Trumpet)
"Off the Bell" Mount



Q7-P808OB
(Trombone)
"Off the Bell" Mount



- True Diversity
- Transmitter powered by one AA battery.
- Q7 Receiver includes heavy duty metal chassis with rack ears.
- 100 Channels region dependent with up to 30MHz bandwidth.
- Compatible with all AMT instrument microphones.
- Remove transmitter to convert microphone to a wired setup.
- Wireless operation without a bodypack.



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Quantum7

- True Diversity
- Micro transmitter clips to microphone.
- Transmitter powered by one AA battery.
- Q7 receiver includes heavy duty metal chassis with rack ears.
- 100 Channels region dependent with up to 30MHz bandwidth.
- Compatible with all AMT instrument microphones.
- Removable transmitter converts microphone to a wired setup with optional preamps.
- Wireless operation without a bodypack.



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