



THE AMBIENT RECORDING BOOM POLE PHILOSOPHY

„The boom pole is the most important tool for a boom operator. In the hands, it should be an extension of the body, enabling precise and intuitive work.“

Designing the perfect boom with perfect characteristics requires a compromise of sometimes opposing demands.

THE TUBE PHILOSOPHY

The heart of a boom pole is the tube. A perfect boom pole tube has to be lightweight and rigid, to minimize bending and to maximize control of microphone position while fully extended. At the same time they should be resilient enough to avoid breaking when swinging the boom.

The surface should be smooth for easy action and to prevent handling noise, but with a matte finish so as not to cause reflections.

THE CARBON FIBER STATEMENT

The only material that possesses the characteristics to satisfy all these demands is carbon fiber. The manufacturing process of carbon fiber tube allows us to specify its composition. With parameters such as fiber-type, fiber-arrangement, wall-thickness, tube diameter and manufacturing method, we gain the possibility to create something completely unique and specialized to satisfy your requirements.

Ambient offers four unique lines of boom poles to address the huge variety of needs of today's field sound professionals.

KEY FEATURES



- Robust design for long life
- Lightweight but rigid
- Low handling noise
- Easy action
- Add-on accessories
- Easy customer maintenance for extended life



Emra & Dabo, Ethiopia

QXS BOOM POLE

ENG & DOCUMENTARY

The QXS series was specifically designed for documentary and ENG booming work. That's why we built the QXS series poles with 5 segments, effectively delivering a better collapsed to extended ratio. This enables easy transportation while providing long lengths when needed.

Well aware of what the material must endure in the everyday work situation, we designed the QXS pull-wind carbon fiber tubes with a 1mm wall thickness to achieve light-weight with high durability properties. While all mechanical parts are machined out of aircraft aluminum, the 3/8" thread is made out of solid stainless steel to survive thousands of microphone changes.

With revised collars for better grip and optimized locking mechanism, the QXS is the next evolutionary step of our successful QX series.

In ENG applications, situations arise where every second counts. Therefore, Ambient offers two different internal cabling options with multiple connector outlet variations to prevent cable "Spaghetti" when that critical situation occurs.

KEY FEATURES

- Extremely light, compact, solid, robust, perfectly balanced
- 1 mm custom made pull-wind carbon fiber tube
- Stainless steel tip with special hole for easy assembly of internal cabling
- Larger diameter for coiled internal cabling

PROD.NR.	LENGTH	WEIGHT
QXS 550	50-195 cm	445 g
QXS 565	65-260 cm	535 g
QXS 580	80-330 cm	620 g
QXS 5100	100-420 cm	745 g
QXS 5130	130-540 cm	925 g

For cabled versions please visit Ambient website.





Courtesy André Zacher

QP BOOM POLE

FEATURE FILM

Feature film boom ops have to face a unique set of challenges. Even though the shot requirements are often known in advance, wide camera angles, multi-cam shots, moving actors or cameras, and complicated lighting can tax the attention of the most seasoned field professional.

These professionals know that having the right tools close at hand is an absolute necessity.

Understanding feature film booming requirements, we specially designed multilayer pull-wind carbon tubes with 1.5 mm wall thickness. Additionally, we reduced the number of segments to four to add additional stiffness and better balance with the long lengths of the QP range. This provides the extra control in situations where a long, extended pole is required. The extraordinary rigidity allows a boom operator to swing and point the microphone with great precision as the boom bounce is minimized preventing the microphone from dipping into the frame.

With a clearly defined application scope, the range is limited to two suitable lengths. An optional extension enabling a fifth segment is available.

KEY FEATURES

- High rigidity, stiff, light, robust, perfectly balanced
- 1.5 mm custom made pull-wind carbon fiber tube
- Stainless steel tip with special hole for easy assembly of internal cabling
- Up to 6.75m length with QP 120
- Straight internal cabling option



PROD.NR.	LENGTH	WEIGHT
QP 480	105-350 cm	680 g
QP 4140	154-520 cm	1000 g
QP 120 (extension)	140 cm	420 g

For cabled versions please visit Ambient website.



QS BOOM POLE

PREMIUM FEATURE FILM

Designing the QS was a dream come true for the development team. The goal was to make the best feature film pole possible. The decision was made to manufacture the QS boom pole from handmade Pre-preg carbon fiber tubes. Although an extremely time-consuming way to produce tubes, it provides Ambient the possibility to design the characteristics layer by layer. Our aim was to create a boom so stiff, lightweight and well balanced that the boom op can operate a microphone precisely like a surgeon operating a scalpel, but from an 18 foot distance!

In addition to the handmade tubes, we designed the screw locks specifically for better grip when working with gloves. The result is nothing less than the stiffest, most precise boom pole made. We are proud to say it is the best pole we have ever built.

The modular extension QP 120 can quickly be added as a 5th segment and gives an extra boost of length for wide, large crowd shots without the weight when not in use. With an outer diameter of 35 mm the extension will also fit into a standard Manfrotto pivot clamp allowing stand mounted.

KEY FEATURES

- Extremely stiff, very precise, well balanced and lightweight
- Handmade 1.5 mm Premium Pre-preg carbon fiber
- Refashioned locking screws
- Up to 6.55 m length with QP 120



For more information about cabling options
please visit our website.

PROD.NR.	LENGTH	WEIGHT
QSM	105-345 cm	740 g
QS	154-520 cm	1120 g
QP 120 (extension)	145 cm	420 g

For cabled versions please visit Ambient website.



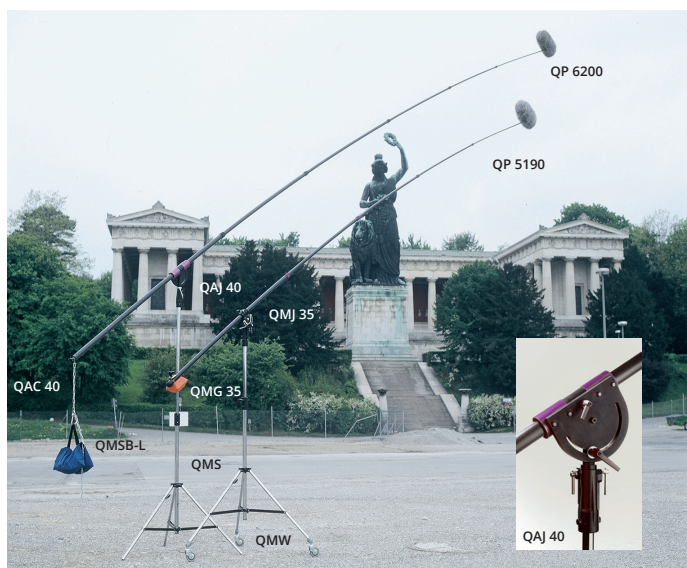
JUMBO

EXTRA LONG BOOM POLE

These booms were designed for tripod mounted operation. By using our Quickpole multilayer carbon fiber tubes with an increased OD up to 40mm, they can be extended to more than 10 meters. Various accessories exist for mounting the booms on light-weight stands such as a pivoting clamp and counterweights. Typical applications include studio, classical music, church organ, feature film crowd scenes, and surround recordings when used with the A-RAY Surround Microphone Support. Jumbo booms have also been used to carry small cameras, lights, and measuring equipment or antennas. The booms can be internally cabled, and a special tip permits thicker cables to pass through, even multicore cables required for multichannel recordings. The base of the QP Jumbo Boom is fitted with a slotted tube, ring and karabiner for attaching a counter weight.

KEY FEATURES

- High rigidity, stiff, robust, light weight
- 1.5 mm custom made carbon fiber tube
- Only 2650 gram
- Aluminum tip with special hole for easy assembly of internal cabling
- Up to 10.60 m length with QP 6200
- Straight internal cabling option



PROD.NR.	DESCRIPTION
QP 5190	Standard Jumbo Boom, 212 – 860 cm, 1840 g
QP 210	Jumbo extension, 205 cm, 740 g, converts QP 5190 to QP 6200
QP 6200	Jumbo Boom, 240 – 1060 cm, 2650 g; incl. boomcase, length: 255 cm
QMS	Manfrotto tripod stand
QMW	Wheel set for Manfrotto tripod stand
QMG 35	Manfrotto counter weight for Jumbo booms, 4 kg
QMJ 35	Manfrotto pivoting clamp for QP 5190, diameter 35 mm
QAJ 40	Ambient pivoting clamp for QP 6200, diameter 40 mm