Incorporated in the AT895 design are: DSDA-PRO™ software (U.S. Patent No. 5,825,898) by Lamar Signal Processing, Ltd., a wholly-owned subsidiary of Andrea Electronics Corporation; DeltaBeam™ (U.S. Patent pending) and MicroLine® technology; and available separately to augment systems or to be used as field space.

- Provides an adaptive array to substantially reduce background acoustic interference.
- Provides sensitivity and pickup distance as compared to currently available professional microphone technology.
- Provides a tool for the discrimination of specific sources, even in very high-noise environments.
- Provides greatly increased off-axis rejection, even for very loud interference.
- Provides outstanding low-frequency directivity (an amazing 78 dB maximum rejection at 200 Hz!) in a mic only 14 inches long.
- Minimizes nearfield effect on the low-frequency response.
- Minimizes the audibility of proximity effect.
- Provides greatly increased off-axis rejection, even in very high-noise environments.
- Supplies type windscreen reduces on-axis wind noise while protecting the microphone.

AT895 System Components, Accessories and Accessory Kits

<table>
<thead>
<tr>
<th>Components</th>
<th>Description</th>
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<tr>
<td>Power Supply</td>
<td>90-263V AC input, 47-63 Hz, 1.5A max. Attached output cable is 0.5 m long, terminating in an XLR4F-type connector.</td>
</tr>
<tr>
<td>AT895BH Battery Housing, AT895PG Pistol-grip shock mount, AT895Z Zeppelin-type windscreen, AT895C Carrying Case and AT895-B special 10’ in Cable.</td>
<td></td>
</tr>
<tr>
<td>Fisher Boom Kit</td>
<td>Includes mounting bracket and adapter provided for the AT895 as a cloth-covered cable.</td>
</tr>
<tr>
<td>Conversion Kits</td>
<td>須118” (3.0 m) long, terminating in an XLR4F type connector.</td>
</tr>
<tr>
<td>Cable</td>
<td>A-TÜV-approved, with detachable “120V” 3-pin IEC power cord. Output 9V DC regulated, 1.5A max. Attached output cable is 0.5 m long, terminating in an XLR4F type connector.</td>
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<td>AT895 Microphone (less cable) &amp; AT895BH Battery Holder</td>
<td>All AT895 components and accessories are interchangeable, and available separately to augment systems or to be used as field space.</td>
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AT895 Specifications

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The AT895 System is the newest, most effective means of highly-directional, quality audio acquisition.

Using Audio-Technica’s proprietary Delphi™ technology, the AT895 System manipulates the amplitude and phase of its 5-element array by acoustical, analog and digital means, providing off-axis rejection of up to an astounding 80 dB.

The system continuously adapts to a changing soundscape, and is especially effective at suppressing unwanted low-frequency information. Background interference, mechanical noise, wind noise, proximity effect – all are minimized automatically. And, unlike some attempts at directive devices, the audio quality remains wideband and natural.

The AT895 provides great operating versatility and ease of use with three polar patterns choices, three EQ selections and three powering options. Functioning equally well for handheld interview use and long-range sound pickup, the AT895 excels at tasks from ENG to sports broadcast to film production to surveillance operations.

High-directivity, wideband audio quality, and the ability to suppress unwanted low-frequency information make the AT895 the best solution for many broadcast, film/video and surveillance/security applications.

The AT895 is available as the AT895/RK “Remote Kit” for field use, and as the AT895/MK “Mount Kit” for fixed-install applications.

Two System Configurations

The AT895 System is the newest, most effective means of highly-directional, quality audio acquisition.

High-directivity, wideband audio quality, and the ability to suppress unwanted low-frequency information make the AT895 the best solution for many broadcast, film/video and surveillance/security applications.

- **Sports**
  - In field sports such as football, soccer, rugby and field hockey, the AT895 delivers vivid audio of player contact, ball strikes and sideline conversations. In golf coverage, it eliminates wind noise rumble while providing precise directivity. And the AT895 is especially effective for sports common to international athletic competitions such as track and field, rowing, equestrian events and tennis.

- **Radio/TV/Film**
  - The AT895’s ability to attenuate audio clutter that masks desired sounds is invaluable for a multitude of applications. Used alone or in conjunction with surveillance cameras, the AT895 provides exact audio effects gathering and dialogue acquisition.

- **Surveillance/Security**
  - The same capabilities that make the AT895 such an effective tool in broadcast also apply to security applications. Used alone or in conjunction with surveillance cameras, the AT895 provides exact audio effects gathering and dialogue acquisition.

- **Film/Video and Surveillance/Security**
  - The lightweight, sturdy metal housing accepts a quick-change, click-on battery housing for totally self-contained operation, if desired. The Control Pack also contains operation, if desired. The Control Pack also operates on external 12-14V DC, from an Anton/Bauer or similar-type battery source, or from an AC adapter – via an industry-standard 4-pin XLR-type connection.

Control features on the AT895 Control Pack include:
- Three-position Mode (pickup pattern) switch which provides Full-field Adaptive, Planar-adaptive and Line + Gradient settings.
- Audio filter switch with Flat, High-pass and Band-pass settings.
- Monitor headphone jack with volume control.
- LCD battery condition indicator.
- Power switch with LED indicator.

**The Basic System**

Two components are at the heart of every AT895 System: the AT895 Microphone and the AT895CP Control Pack.

- **AT895 Microphone**
  - The AT895 Microphone itself is “all analog,” housing one Audio-Technica MicroLine® element, four A-T cardiod elements mounted in a co-planar diamond configuration, and five mic preamps. The five amplified analog signals from the microphone elements are sent individually down a special detachable cable to the AT895CP Control Pack.

- **AT895CP Control Pack**
  - The AT895CP Control Pack provides all the power, Digital Signal Processing, and control for the AT895. Output from the Control Pack is analog at mic-level (–23 dBV).

- **AT895/RK Remote Kit**
  - The lightweight, sturdy metal housing accepts a quick-change, click-on battery housing for totally self-contained operation, if desired. The Control Pack also operates on external 12-14V DC, from an Anton/Bauer or similar-type battery source, or from an AC adapter – via an industry-standard 4-pin XLR-type connection.

- **AT895/MK Mount Kit**
  - The lightweight, sturdy metal housing accepts a quick-change, click-on battery housing for totally self-contained operation, if desired. The Control Pack also operates on external 12-14V DC, from an Anton/Bauer or similar-type battery source, or from an AC adapter – via an industry-standard 4-pin XLR-type connection.

Control features on the AT895CP include:
- Three-position Mode (pickup pattern) switch which provides Full-field Adaptive, Planar-adaptive and Line + Gradient settings.
- Audio filter switch with Flat, High-pass and Band-pass settings.
- Monitor headphone jack with volume control.
- LCD battery condition indicator.
- Power switch with LED indicator.