

AT2041SP

Studio Microphone Pack



AT2041SP Studio Pack **Studio miking essentials**

The AT2041SP Studio Pack offers two versatile 20 Series condenser microphones for use in home, project and commercial studios. Equally at home with digital and analog recording devices, the two included studio condensers deliver remarkable specs and superior build. The critically acclaimed AT2020 side-address condenser is ideal for vocal and instrument applications, while the new AT2021 small-diaphragm condenser is a natural for acoustic instruments, overheads, hi-hat and piano.

Audio-Technica's stringent quality/consistency standards set both microphones apart from other mics in their class. Each offers a wide dynamic range and handles high SPLs with ease. An innovative pivoting stand mount is included along with a microphone clip and protective pouches.

Now with SONAR LE

The AT2041SP now comes bundled with Cakewalk's SONAR LE feature-rich recording software for musicians using PC-based recording. SONAR LE provides a cutting-edge music production studio, giving users what they need to get started creating music on Windows XP, X64, or Vista PCs.

AT2041SP Studio Pack includes:

AT2020 Side-address cardioid condenser microphone

AT2021 Small-diaphragm cardioid condenser microphone

SONAR LE recording software
Pivoting, threaded stand mount for the AT2020
Professional stand clamp for the AT2021
Two protective pouches

About the microphones

AT2020 Side-address cardioid condenser microphone

- The price/performance standard in side-address studio condenser microphone technology
- Ideal for project/home-studio applications
- High SPL handling and wide dynamic range provide unmatched versatility
- Custom-engineered low-mass diaphragm provides extended frequency response and superior transient response
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Pivoting, threaded stand mount attaches securely for easy and precise placement of the microphone

AT2021 Small-diaphragm cardioid condenser microphone

- Ideal for acoustic guitar, overheads, piano and group vocals
- Condenser design for studio-quality vocal and instrument applications
- Excels in high-SPL applications
- Extended response for smooth, natural sonic characteristics
- Low-mass element for superb transient response
- Corrosion-resistant contacts from gold-plated XLRM-type connector
- Rugged design and construction for reliable performance
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source

SPECIFICATIONS

ELEMENT	Fixed-charge back plate, permanently polarized condenser
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POLAR PATTERN	Cardioid
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FREQUENCY RESPONSE	AT2020: 20-20,000 Hz AT2021: 30-20,000 Hz
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OPEN CIRCUIT SENSITIVITY

AT2020: -37 dB (14.1 mV) re 1V at 1 Pa
 AT2021: -39 dB (11.2 mV) re 1V at 1 Pa

IMPEDANCE

AT2020: 100 ohms
 AT2021: 250 ohms

MAXIMUM INPUT SOUND LEVEL

AT2020: 144 dB SPL, 1 kHz at 1% T.H.D.
 AT2021: 145 dB SPL, 1 kHz at 1% T.H.D.

NOISE

AT2020: 20 dB SPL
 AT2021: 19 dB SPL

DYNAMIC RANGE (typical)

AT2020: 124 dB, 1 kHz at Max SPL
 AT2021: 126 dB, 1 kHz at Max SPL

SIGNAL-TO-NOISE RATIO

AT2020: 74 dB, 1 kHz at 1 Pa
 AT2021: 75 dB, 1 kHz at 1 Pa

PHANTOM POWER REQUIREMENTS

48V DC, 2 mA typical

WEIGHT

AT2020: 12.1 oz (345 g)
 AT2021: 2.9 oz (83 g)

DIMENSIONS

AT2020: 6.38" (162.0 mm) long, 2.05" (52.0 mm) maximum body diameter
 AT2021: 4.00" (101.5 mm) long, 0.83" (21.0 mm) maximum body diameter

OUTPUT CONNECTOR

Integral 3-pin XLRM-type

ACCESSORIES FURNISHED

AT2020: Stand mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch
 AT2021: Stand clamp; soft protective pouch

SPECIFICATION GRAPHS

Click on the chart to view the larger image

AT2020

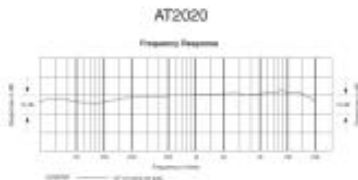
POLAR PATTERN
 AT2020

AT2021



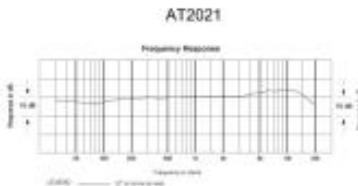
POLAR PATTERN

AT2021



FREQUENCY RESPONSE

AT2020



FREQUENCY RESPONSE

AT2021