

Conference and lectern
Houses of worship
Theater, onstage miking
Broadcast and recording

- Immune to RF interference
- Speech optimized frequency range
- Enhanced hypercardioid polar pattern
- High SPL capability
- Premium microphone for ubiquitous application



C 747 V11

A History of Sound: The C 747, the so called „pencil microphone“, was first built in 1987. Due to its excellent technical specifications, especially the wide and flat frequency range, it was used for the recording of all kinds of musical instruments, even those with very low frequencies. Because of its brilliant sound reproduction and its inconspicuous optical appearance, it was quickly known as an ideal overhead microphone.

Thank to the narrow polar pattern it solved the crosstalk problem (when recording multiple instruments at once) and the problem of picking up sounds from distant spots in a room. But for all that, due to the help of the acoustically well balanced, short interference tube, it didn't face one of the biggest problems of most shotgun microphones – the change of the polar pattern over the frequency. This is one of many reasons why this microphone found its way into a great number of Broadcast Stations, Recording Studios, Theatres, Opera Houses, Churches, Conference Rooms and Lecture Halls.

Another big advantage of the C 747 is that the microphone will not change the sound or level too much even when the person speaking is moving a lot. So it came that the C 747 finally found its way into installed sound systems as a perfect speech and lectern microphone. The C 747 is now one of the most versatile microphones in the AKG product range and over the years it has been available in various versions and model types such as hanging module, capsule for modular gooseneck microphones and in a boundary layer microphone.

What's New in V11: As it is more and more used in conference applications, we carefully redesigned the C 747 to better cope with some specific installed sound issues.

The new C 747 V11 will have an integrated RFI shield to block out unwanted interference by mobile phones, wireless mics and the like. Also we have fine tuned the frequency response to give especially the spoken word an outstanding presence, without changing the flavour of the classic C 747 sound.

An enhanced polar pattern provides consistent off-axis rejection to control ambient noise and feedback in acoustically difficult environments. This makes the C 747 V11 an excellent choice for noisy discussion groups or reverberant pulpits while it is forgiving enough to clearly pick up talkers moving around in front of the microphone. A switchable LF roll-off filter suppresses mechanical noise. The low-impedance transformerless preamp operates on 9 to 52 V phantom power. The C 747 V11 ships with an extensive accessory set including a shock mount/adaptor, mini gooseneck, stand adaptor, mounting clamp, thread link, and windscreen.

AKG SOUNDS BETTER

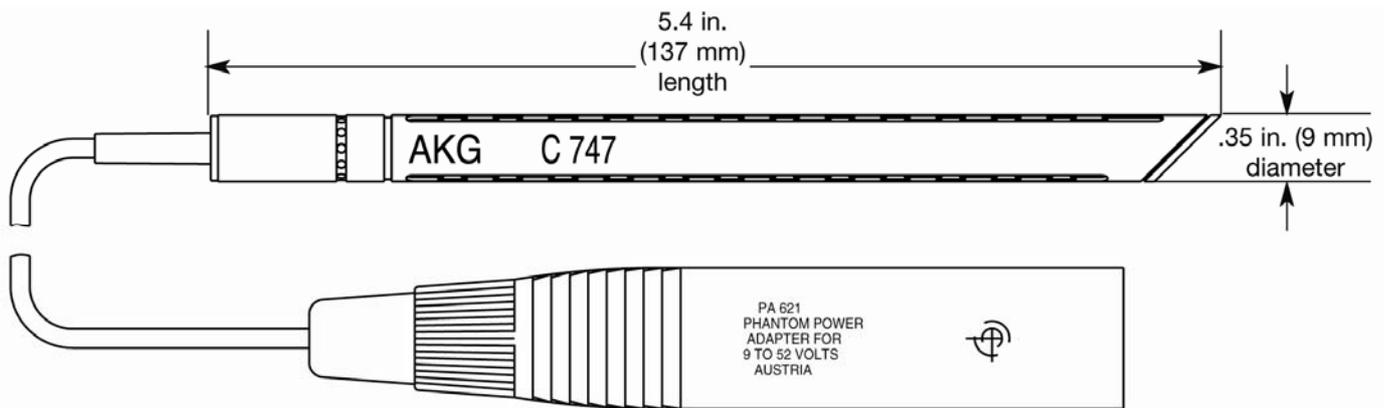


Architects' and Engineers' Specifications

The microphone shall be a directional condenser type utilizing a combination of gradient and interference actions to produce a well defined hypercardioid polar pattern.

The microphone shall be no larger in diameter than 0.35 in. (9 mm), and the finish shall be matte black. On-axis frequency response shall be maintained within the range of 30 Hz to 18 kHz, as measured at 1 meter. Microphone sensitivity shall be at least 8.5 mV/Pa, and the self A-weighted noise level of the microphone shall be no higher than 21 dB. The microphone shall operate in a sound field of 133 dB-SPL with no greater than 1% THD.

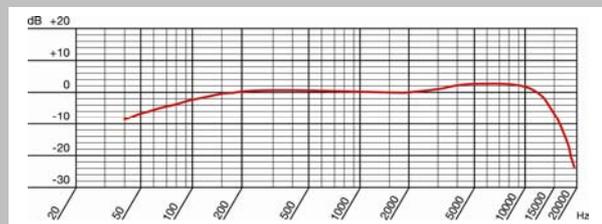
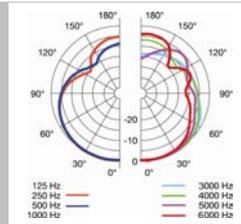
The microphone shall operate on phantom powering, covering the range from 9Vdc to 52Vdc. The microphone shall be the AKG Acoustics Model C 747 V11



Specifications:

Polar pattern:	hypercardioid
Frequency response:	30 Hz to 18,000 Hz
Sensitivity:	8,5 mV/Pa (-42 dBV)
Impedance:	< 400 ohms
Equivalent noise level:	21 dB-A
Signal/Noise ratio:	73 dB (A-weighted)
Maximum SPL:	133 dB
Powering:	9 to 52 V phantom power (DIN 45596)
Current consumption:	< 2 mA
Cable:	3 m (10 ft.)
Finish:	matte black
Dimensions:	9 dia x 137 mm (0.35 dia. x 5.4 in.)
Net/shipping weight:	25 / 750 g (0.9 oz./1.7 lbs.)

Item number: 2226Z00110



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