

# CharterOak Acoustic Devices

## OPERATIONAL MANUAL MODEL E700

Thank you for purchasing the CharterOak model E700. You have just acquired one of the finest microphones in the world. The E700 is a condenser microphone, which employs two large gold diaphragms, a pure class-A head amplifier, and a custom output transformer. As a result, the model E700 has very low inherent noise and broad dynamic range. Its timbre is distinctive. Its rich and balanced sound makes it an ideal choice to ensure extremely high quality sound reproduction in both the recording and broadcast environments.

**The E700 is a solid-state condenser microphone and requires special setup and care. Inside the case you will find the following:**

(1) SA type shock mount, and (1) E700 condenser microphone.

**Perform the following steps in the specific order printed in this manual.**

1. Remove the microphone, and shock mount from the case.
2. Connect the microphone to the shock mount by carefully threading and screwing the shock mount to the base of the microphone.
3. Put the combined microphone and shock mount on a sturdy professional microphone stand.
4. Using a 3-pin XLR cable, connect the microphone to the console microphone preamp or other suitable microphone preamplifier. For best results, it is highly recommended that high quality microphone preamplifiers be used with all CharterOak microphones.
5. In order to use the CharterOak model E700, it is necessary to provide a steady power supply of +48 volts to the microphone via the console or stand-alone microphone preamplifier. If your console or preamp does not have a switchable +48 volt supply, you will not be able to use the CharterOak E700.
6. Setting the gain is critical to your result. See your mixer and or microphone preamplifier manual for more details. Microphone placement and pattern selection are also variables that can produce a variety of results. Feel free to experiment for best results.

Remember that the CharterOak E700 is a solid-state condenser microphone. It will provide the great sound, dependability, and consistency that artists, recording engineers, broadcast engineers, and producers expect.

Thank you again for purchasing CharterOak microphones. You will enjoy years of trouble-free use with proper care and maintenance. Now you can begin to explore "The Nature of Sound"™

CharterOak Acoustic Devices...  
*Creating the Classics of Tomorrow™*

