



FC 2 / FC 2 ST

F.E.T. Condenser Microphone

INTRODUCTION

Congratulations on choosing the Golden Age Project FC 2 or FC 2 ST microphone!

The FC 2 is a high quality large capsule condenser microphone, inspired by classical microphone models.

The FC 2 is a very versatile microphone with a wide frequency response and a large dynamic range. It will perform great in the studio or in live sound and broadcast applications.

The FC 2 ST is a matched stereo set and can be used for stereo recordings.

The FC 2 has a sound character is similar to vintage microphones and it is well suited to be used with most instruments and voices.

Use it on vocals and choirs, acoustic and electric guitars and other fretted instruments, as a drum overhead or room microphone and in any other application where you would use a big capsule condenser microphone.

The FC 2 is, in spite of it's low cost, suitable for critical recording applications.

FEATURES

- True condenser mic with 26mm, 6um gold-sputtered low distortion capsule mounted on an effective internal shock mount.
- Low noise F.E.T. as first amplifying device.
- Discrete class A electronics with vintage style EQ and a transformer balanced output stage.
- Cardioid polar pattern.
- External switches for 100 Hz high-pass filter and 10 dB pad.
- Heavy duty brass body.
- Shock mount included.
- Stereo mounting bar included for the FC 2 ST.
- Goldplated XLR connector.
- Requires 48V phantom power.
- The FC 2 ST: One matched stereo pair.

USING THE FC 2 / FC 2 ST

The FC 2 can be used with any standard mixer or preamp. Use either a XLR to XLR or XLR to 1/4" plug standard balanced microphone cable.

Please note that the FC 2 needs 48V phantom power. For optimum performance, let the FC 2 warm up for 5-10 minutes before use.

Be aware of the proximity effect (an increase in bass response) when the microphone is close to the sound source. This can be a good or a bad thing. You can adjust the bass response by changing the distance from the microphone to the sound source for an optimum result in different situations. You can also use the high-pass filter by engaging the external switch.

The 10 dB pad is useful when recording very loud sound sources.

There are several ways to set up two microphones for stereo recordings.

One way is to mount the two microphones close to each other side by side, using the included mounting bar in the FC 2 ST. By using two stands, you can do the same but with an increased distance between the microphones. Another way is using the X/Y method by placing one microphone up side down on top of the other one and angle each microphone 45 degrees towards the sound source (in different directions). As always, experiment! This is the best way to get the sound you want. Microphone placement is an art and you will learn a lot by trying different methods.





PRECAUTIONS

1. Be careful not to drop the FC 2 or subject it to shock since this can destroy the sensitive capsule.
2. Always pack the FC 2 carefully when transporting it.
3. The heart of the FC 2 is its capsule. It must be protected from dirt and moisture.
4. Always use a pop-filter for close-up vocals to protect the capsule from mouth spray.
5. Always store the FC 2 in its vinyl pouch when it is not in use.
6. Protect the FC 2 from strong wind blasts. Do never put in inside or close to the front of a kick drum. Use a pop-filter and place it at least 0,5m away.
7. Always connect the FC 2 to the preamp or mixing console BEFORE phantom power is applied and unplug the microphone cable AFTER you have turned off the phantom power and waited 10 seconds or more. This is to avoid possible damage to the electronic circuits in the FC 2.
8. Avoid exposing the FC 2 to direct sunlight or extremes in humidity for extended periods of time.
9. Do never try to service the FC 2 yourself since this will void the warranty. Should your FC 2 ever need service, please contact your dealer.

WARRANTY

Please check the FC 2 / FC 2 ST carefully immediately when you receive it and make sure that there are no problems with the microphone. The warranty period is one year and apply to defects in materials and workmanship. It does not cover misuse of the microphone.

If you ever experience any problem, contact your dealer.

SPECIFICATIONS

Capsule type: True condenser pressure gradient.
Capsule size: 26 mm, 6um gold-sputtered.
Polar pattern: Cardioid
Frequency response: 20Hz - 20kHz
Sensitivity: 15 mV / -36,5dB (0dB=1V/Pa) @1kHz.
Equivalent Noise Level (A-weighted per IEC 268-4): < 17 dB typical.
Maximum SPL (<0,5% THD @1kHz): 140 dB.
Output impedance: 250 ohm.
Recommended load impedance: 1000 Ohm or more.
Switchable pad: - 10 dB
Switchable high pass filter: 6 dB / octave @ 100 Hz
Current consumption: < 3mA.
Dimensions: 50x190 mm. Weight: 470 g.
Operating voltage: 48V phantom power.
FC 2 ST stereomatching: Within 1 dB.
Please note: Specifications can be changed at any time without notice.

**Many thanks for purchasing the
Golden Age Project
FC 2 / FC 2 ST**

**- We wish you much joy and
many wonderful recordings
with it!**

