**FEATURES**

- High performance miniature condenser microphone (omnidirectional)
- Versatile possibilities to attach the helix holder
- Natural reproduction
- Absolute studio quality
- Unobtrusive design
- Light weight, the balance of the instrument is maintained
- 4-pin female mini XLR connector

**APPLICATIONS**

The versatile TG I55c helix condenser microphone really demonstrates its strengths when used in combination with the violin, viola, recorder, dulcimer, fretted stringed instruments or zither, cello, double bass and many other instruments. It delivers extremely natural, true sound reproduction without colouration due to the missing of the proximity effect. The omni-directional polar pattern ensures even sound – regardless of how the capsule is positioned. A further advantage is the unique, innovate clamp that enables quick and easy mounting – without drilling holes and without scratching the instrument.

**TECHNICAL SPECIFICATIONS**

- **Transducer type** ................. Condenser (electret)
- **Operating principle** .............. Pressure
- **Polar pattern** ..................... Omnidirectional
- **Frequency response** .............. 20 - 20,000 Hz
- **Open circuit voltage** ............. 10 mV/Pa (-40 dBV) ±3 dB*
- **Nominal impedance** .............. 1 kΩ
- **Max. SPL** ......................... 118 dB SPL*
- **S/N ratio** ......................... 52 dB [CCIR, Q-Peak]*
- **Equivalent SPL** ................. 33 dB [A, RMS]*
- **Supply voltage** ................. 1.5 to 9 V

**Dimensions**

- Head diameter ...................... 5.2 mm
- Length ............................ 12.7 mm
- Cable length ....................... 1.2 m
- Weight .............................. 9 g

*measured with CV 18

**VERSION**

TG I55c helix  
Instrument microphone,  
 electret condenser, omnidirectional,  
with 4-pin mini XLR plug,  
incl. helix clip  . . . . . . . . . . . Order # 707.163

**OPTIONAL ACCESSORIES**

- **CV 18**  
  Phantom power adapter  
  to connect to phantom-powered microphone input . Order # 475.378

- **Mix 31**  
  Miniature mixer  . . . . . . . . . . . Order # 481.866

- **WS 55 SW**  
  Wind shield, black  . . . . . . . . . Order # 904.236
FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (measuring distance ± 3 dB) correspond to a typical production sample for this microphone.