

GRAS 41AC

Outdoor Microphone Kit



Standard: IEC 61672-1
Configurable for 90 or 0 degrees of
incidence
IP55 proof

The 41AC is an outdoor microphone kit for unattended use for prolonged periods of time. It can be used for community noise applications or for monitoring of overhead aircraft noise.

Introduction

The 41AC is a small outdoor microphone kit according to IEC 61672-1 for noise monitoring.

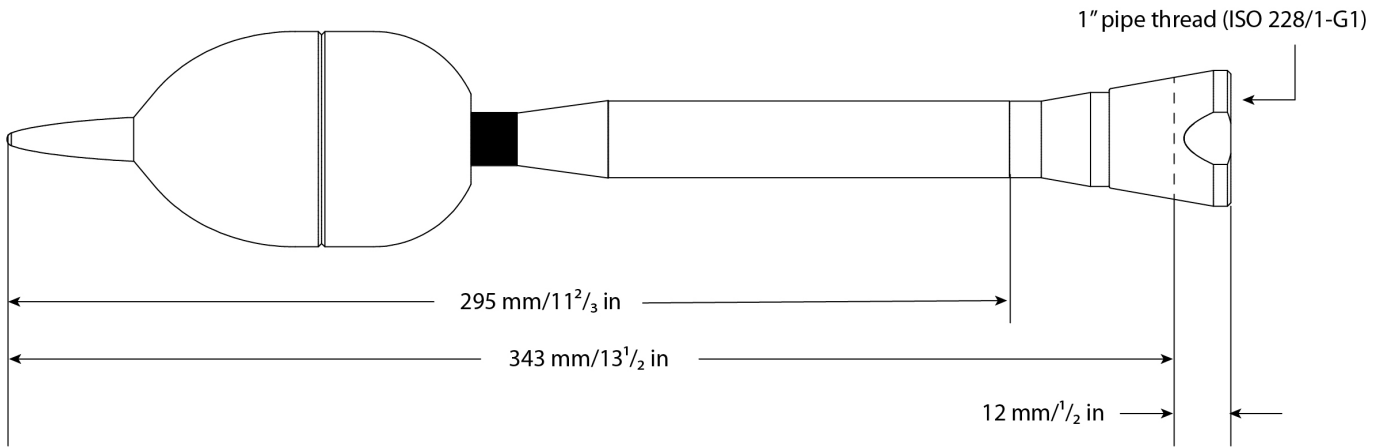
Design

The 41AC has been designed to meet the need for a precise and reliable outdoor microphone that can be part of a permanent installation. The 41AC is waterproof and fulfills the requirements of IP-55.

Microphone and preamplifier are mounted inside a high-grade stainless steel housing. The top cone – also made of stainless steel – has been perfected for best acoustical response. In addition to its acoustical function, the top cone acts as a bird spike.

The windscreen eliminates the effects of airflow and also serves as part of the 41AC's water protection. It is glued to a detachable tube that ensures correct positioning. A locking system eliminates the risk of accidental dislocation. It is designed to withstand a wide range of weather conditions and temperatures for a very long period, i.e. easily a year or longer.

It comes with an adapter for pipe mounting. An adapter for tripod mounting is also part of the delivery.



When mounted on a pipe: 343 mm/ 13 1/2 in above the top of the pipe.

Included items

GRAS SW0005	USB flash drive containing correction data (resolution: 1/12 octave)
GRAS AM0378	Wind Screen
GRAS RA0286	1" Pole Mount Adapter
GRAS GR1096	Tripod Adapter
GRAS SK0017	Tripod Thread Adapter

Ordering info for Low-Frequency Outdoor Microphone

GRAS 41AC	Outdoor Microphone Kit
GRAS 47AC-S1	1/2" CCP Infra-sound Microphone Set

Optional items

AA0035	3 m BNC - BNC Cable
AA0036	5 m BNC - BNC Cable
AA0037	10 m BNC - BNC Cable
AA0038	30 m BNC - BNC Cable
AA0039-CLXXXX	Customized length BNC - BNC Cable, xxxx length in cm.
GRAS 12AL	1-Channel Power Module
GRAS 42AP	Intelligent Pistonphone, Class 0

GRAS Sound & Vibration reserves the right to change specifications and accessories without notice.

GRAS Worldwide

Subsidiaries and distributors in more
than 40 countries

HEAD OFFICE, DENMARK
GRAS SOUND & VIBRATION
Skovlytoften 33
2840 Holte
Denmark
Tel: +45 4566 4046
www.gras.dk
gras@gras.dk

USA
GRAS SOUND & VIBRATION
5750 S.W. Arctic Drive
Beaverton, OR 97005
Tel: 503-627-0832
Toll Free: 800-231-7350
www.gras.us
sales@gras.us

CHINA
GRAS SOUND & VIBRATION
Room 303, Building T6
Hongqiaohui, 990, Shenchang Road
Minhang District, Shanghai
China, 201106
Tel: +86 21 64203370
www.gras.com.cn
cnsales@gras.dk



ABOUT GRAS SOUND & VIBRATION

GRAS is a worldwide leader in the sound and vibration industry. We develop and manufacture state-of-the-art measurement microphones to industries where acoustic measuring accuracy and repeatability is of utmost importance in R&D, QA and production. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, and consumer electronics. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect and trust.

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& Vibration