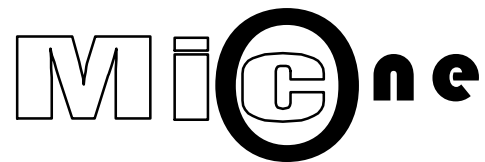


# MiCone



by **DOUBLESENSE**<sup>®</sup>  
SYSTEMS AB



The MicOne is developed by The Doublesense Team

with great help from

*Tobias Lindell* (Tobias Lindell Musicproduction AB)

*Matias Karlsson*

*Jörgen Andersson*

*Peter Skörwald*

and

Svensk Elektronikproduktion AB

*Thanks!*

The MicOne is manufactured and distributed by

**SVENSK**  
**Elektronikproduktion AB**

THANKS .....	1
CONTENTS.....	2
IMPORTANT SAFETY INSTRUCTIONS.....	2
INTRODUCTION.....	3
IN THE BOX.....	3
CONNECTIONS.....	4
SETTING THE MIC PATTERN.....	5
SETTINGS EXAMPLE.....	6
SPECIFICATIONS.....	7

## **IMPORTANT! When using MicOne for vocals Always use a external pop screen!**

(The MicOne has no screen due to unwanted sound tampering.)

### **IMPORTANT SAFETY INSTRUCTIONS**

Please read all of these instructions and save them for future reference.

- Do not use a damaged or frayed power cord.
- Unplug the unit before cleaning. Clean with a damp cloth only. Do not spill liquid on the unit.
- Unplug the unit and refer servicing to qualified service personnel under the following conditions: If the power cord or plug is damaged; if liquid has entered the unit; if the unit has been dropped or the case damaged; if the unit does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.

This unit is supplied with an external power supply dependant on the region in which the MicOne is purchased. To avoid the risk of fire, replace the mains fuse only with the correct value fuse, as marked on the plug. The external power supply unit contains no user serviceable parts. Refer all servicing to a qualified service engineer, through the appropriate dealer.

Doublesens Systems AB  
Energigatan 8  
434 37 Kungsbacka  
SWEDEN

Tel: +46-300-70 000

Fax : +46-300-711 45

E-mail: [info@doublesense.com](mailto:info@doublesense.com)

Web: [doublesense.com](http://doublesense.com)

# Introduction

The MicOne is handcrafted in Sweden.

Built and developed by engineers for engineers!

The all tube, multi pattern microphone uses the very best components available on the market today.

The mic employs a 1,25" gold diaphragm and a selected EF86 pentode tube.

The MicOne is a true variable-pattern microphone, capable of doing omni, cardioid and figure-of-eight.

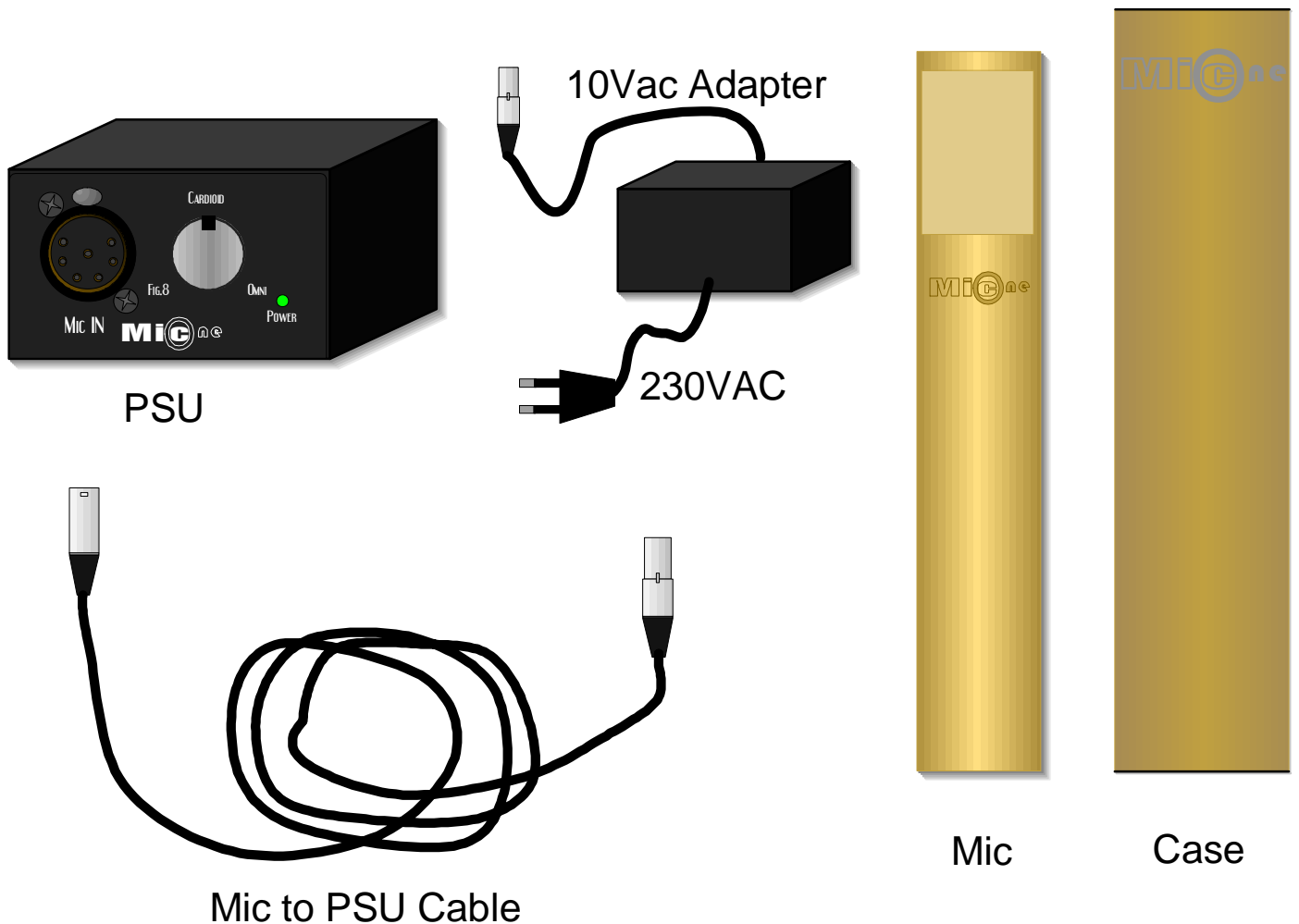
This is achieved by polarizing the front and back diaphragm of the capsule in different ways with respect to the centre electrode.

The sound of the MicOne can be described as smooth, accurate, fast, tight, natural.

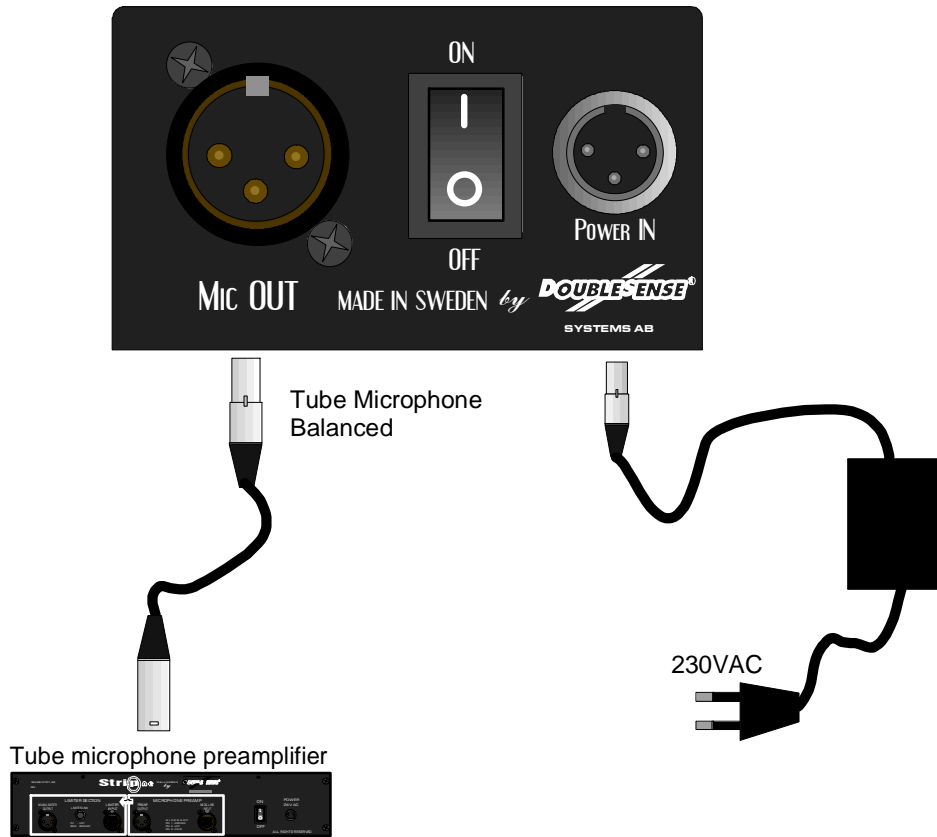
Favourite applications have turned out to be vocals, acoustic guitar, guitar cabs, piano and drum overheads.

The MicOne can easily handle high SPL without any signs of distortion.

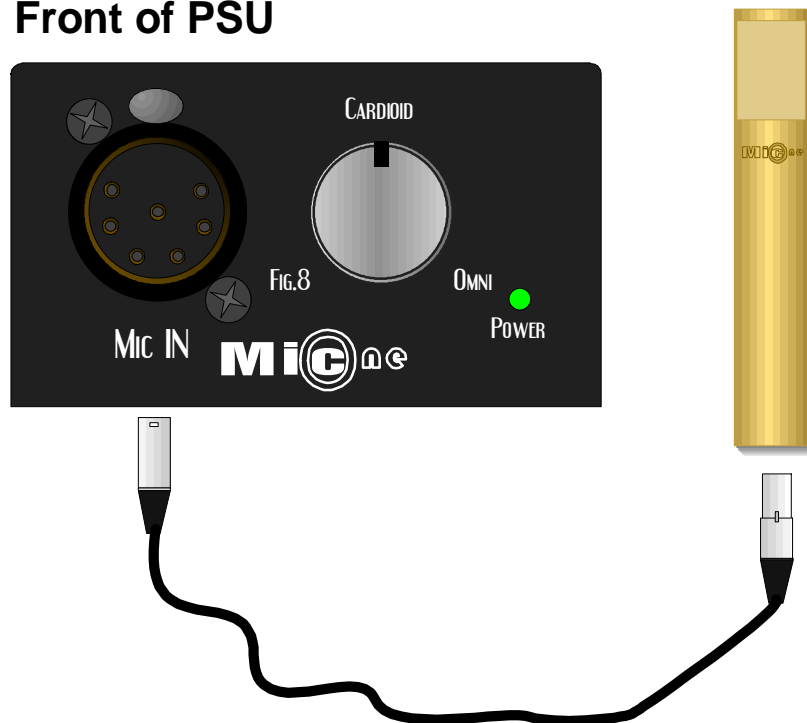
## In the box



## Rear of PSU



## Front of PSU

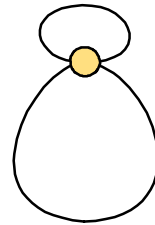
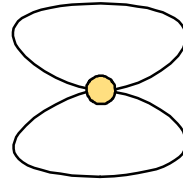


# Setting the mic pattern

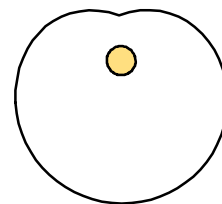
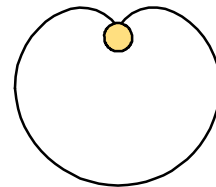
You can vary the pattern of the mic by turning the pattern knob by doing so, you can get a reception that brings unique sound to your recordings.



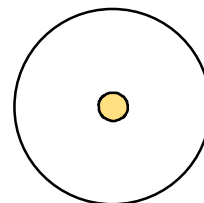
Figure of 8



Cardioid



Omni



# Settings example

by Tobias Lindell



## Vocals

A good starting point is cardioid, adjust the setting to taste. If you want the sound a touch smoother and fatter, turn the knob a tad anticlockwise.



## Acoustic Guitar

If you want a little more of your room in your recording, start with 80% omni. If you desire a warmer and closer sound, turn the knob anticlockwise slowly until you reach satisfaction.



## Piano

A good starting point is cardioid, adjust the setting to taste. If you want the sound a touch smoother and fatter, turn the knob a tad anticlockwise.



## Drum

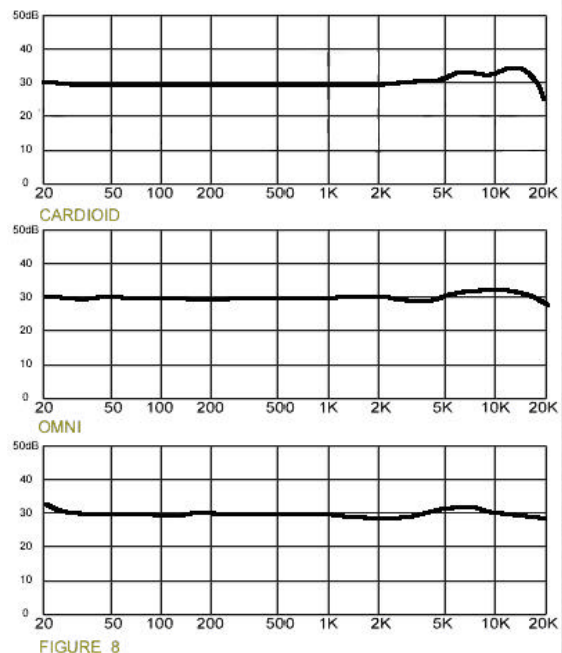
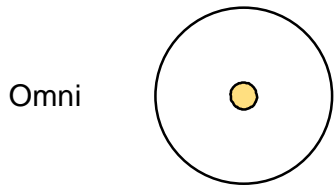
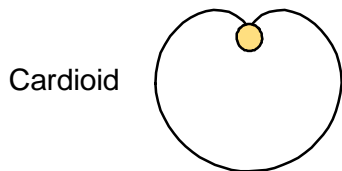
The mic sounds great on overheads! Start with cardioid to get a natural and punchy reproduction. If you desire and brighter and forward sound, try fig.8





## Technical specification

All Tube discrete Class A design  
Variable, sweepable pattern  
Omni to Cardioid to Figure-8  
Frequency response: 20-21kHz  
Lundahl Transformer  
Selected EF86 Pentode tube  
Output impedance 600 ohms  
Weight: 1,5 kilos.  
Power 10VAC 20VA



**DOUBLESENSE**<sup>®</sup>  
SYSTEMS AB

Doublesens Systems AB  
Energigatan 8  
434 37 Kungsbacka  
SWEDEN

Tel: +46-300-70 000  
E-mail: [info@doublesense.com](mailto:info@doublesense.com)

Fax : +46-300-711 45  
Web: [doublesense.com](http://doublesense.com)