

# COMMUNICATING THROUGH **RECORDING** (ON ANY BUDGET)

---



GAUDETEBRASS

**ÇEDILLE**  
;

---

Gaudete Brass  
[www.gaudetebrass.com](http://www.gaudetebrass.com)  
312.835.4275

Cedille Records  
[www.cedillerecords.com](http://www.cedillerecords.com)  
773.989.2515

# COMMUNICATING THROUGH **RECORDING** (ON ANY BUDGET)

## LINKS/BRANDS

WWW.APOGEEDIGITAL.COM

WWW.SWEETWATER.COM

WWW.AUDIO-TECHNICA.COM

WWW.TASCAM.COM

WWW.AKG.COM

## RECOMMENDATIONS/PRICING GUIDE

### **LEVEL 1 [SMARTPHONE]**

MICROPHONE INTERFACE

TASCAM/49.99/GUITARCENTER

IRIG/

### **APPS [FREE]**

PCMRECORDER/TASKAM

### **APPS [PAID]**

I SAID WHAT?!/2.99/TAPPARATUS

GARAGE BAND/4.99/APPLE

### **LEVEL 2 [HANDHELD]**

M-AUDIO

ZOOM/H4N HANDY RECORDER

269.99/WWW.SWEETWATER.COM

### **LEVEL 3 [COMPUTER]**

LOGIC/199.99/APPLE APP STORE

PRO TOOLS/629/AVID

DUET2/599.99/APOGEE

### **MICROPHONES**

AUDIO TECNICA/450.95/GUITARCENTER

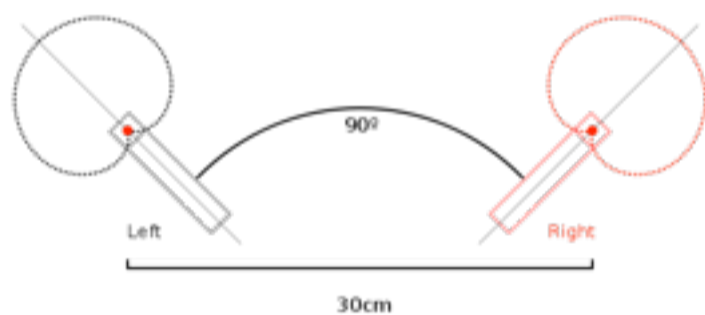
AKG C214/399.99/SWEETWATER.COM

AKG C414/499.99/GUITARCENTER

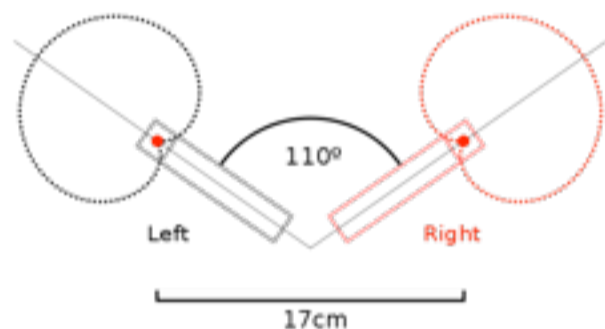
# COMMUNICATING THROUGH **RECORDING** (ON ANY BUDGET)

## HOW TO POSITION TWO MICROPHONES [STEREORECORDING]

**ORTF:**  
[OFFICE DE  
RADIODIFFUSION  
TÉLÉVISION FRANÇAISE]



**NOS:**  
NEDERLANDSE  
OMROEP STICHTING



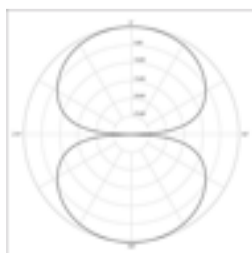
## POLAR PATTERNS



A CARDIOID MICROPHONE REJECTS SOUND FROM THE BACK, IS RESPONSIVE FROM THE SIDES, AND IS MOST SENSITIVE TO SOUNDS IN THE FRONT.



AN OMNIDIRECTIONAL POLAR PATTERN IS EQUALLY SENSITIVE IN ALL DIRECTIONS. GREAT FOR REVERBERANT SPACES



A FIGURE-8 POLAR PATTERN PICKS UP SOUND EQUALLY FROM THE FRONT AND BACK AND REJECTS SOUND FROM THE SIDES.

# COMMUNICATING THROUGH **RECORDING** (ON ANY BUDGET)

## **PLACEMENT**

MICROPHONE PLACEMENT IS PERHAPS ONE OF THE TOP THREE MOST IMPORTANT THINGS WHEN RECORDING ANY ENSEMBLE. IT MAY TAKE A FEW TIMES BEFORE YOU GET IT JUST RIGHT.

## **PITT FALLS**

SETTING THE PROPER LEVEL IS ANOTHER CRUCIAL STEP IN CREATING A FANTASTIC RECORDING. PEOPLE OFTER BELIEVE THAT WHAT THEY ARE RECORDING IS MUCH SOFTER THAN REALITY. WHILE LISTENING BACK, BE SURE TO ADJUST THE LEVEL TO INCREASE OR DECREASE SOUND TO THE HEADPHONES. ADJUSTING THE HEADPHONE VOLUME WILL DO NOTHING.

## **GLOSSARY**

CONDENSER MIC	GENERALLY PRODUCE A HIGH-QUALITY AUDIO SIGNAL AND SHOULD BE USED IN MOST OF YOUR RECORDING SESSIONS.
DYNAMIC MIC	ROBUST, RELATIVELY INEXPENSIVE AND RESISTANT TO MOISTURE.
GAIN	GAIN IS THE INPUT LEVEL OF YOUR MICROPHONE TO YOUR RECORDER
RIBBON MIC	THIN, USUALLY CORRUGATED METAL RIBBON SUSPENDED IN A MAGNETIC FIELD

## **QUESTIONS?**

FEEL FREE TO EMAIL BILL WITH ANY QUESTIONS ABOUT ANY TOPICS COVERED TODAY. OR ANY ISSUES YOU RUN INTO AS YOU START TO RECORD YOUR GROUPS.

BILL@GAUDETETRASS.COM