



# TELINGA MODULAR V 1.2 USER MANUAL

## **Thank you for purchasing the Telinga Modular!**

Before using it - please read the complete manual.

**1) Operation:** This parabolic dish/reflector does not contain any electronics and comes without microphone, cable or connectors. **Therefore:** It is not compatible with Telinga parabolic mic:s but it's design allows you to find a favorite setup with your own microphones instead. We suggest starting with an omnidirectional pencil style microphone if you have not used a parabolic dish before. The Telinga Modular **operates only by acoustical amplification**, depending on which "sound" you are looking for it allows many different microphones (or mic capsules) to be mounted in the dish basket foam "suspension". **If you ask us?** We love **SCHOEPS** microphones and **PRIMO** electrets (for stereo PZM configurations in the dish).

**2) Safety Instructions: (A) Do not point the parabolic dish directly towards the sun:** the sunrays collected by the dish might cause overheating of your microphone and/or the basket material to melt at the focal area of dish. **The optional Telinga Dish HWC** can be used to prevent sunrays from entering the dish completely. **Please see:** [www.telinga.com/products/accessories/hi-wind-cover/](http://www.telinga.com/products/accessories/hi-wind-cover/)

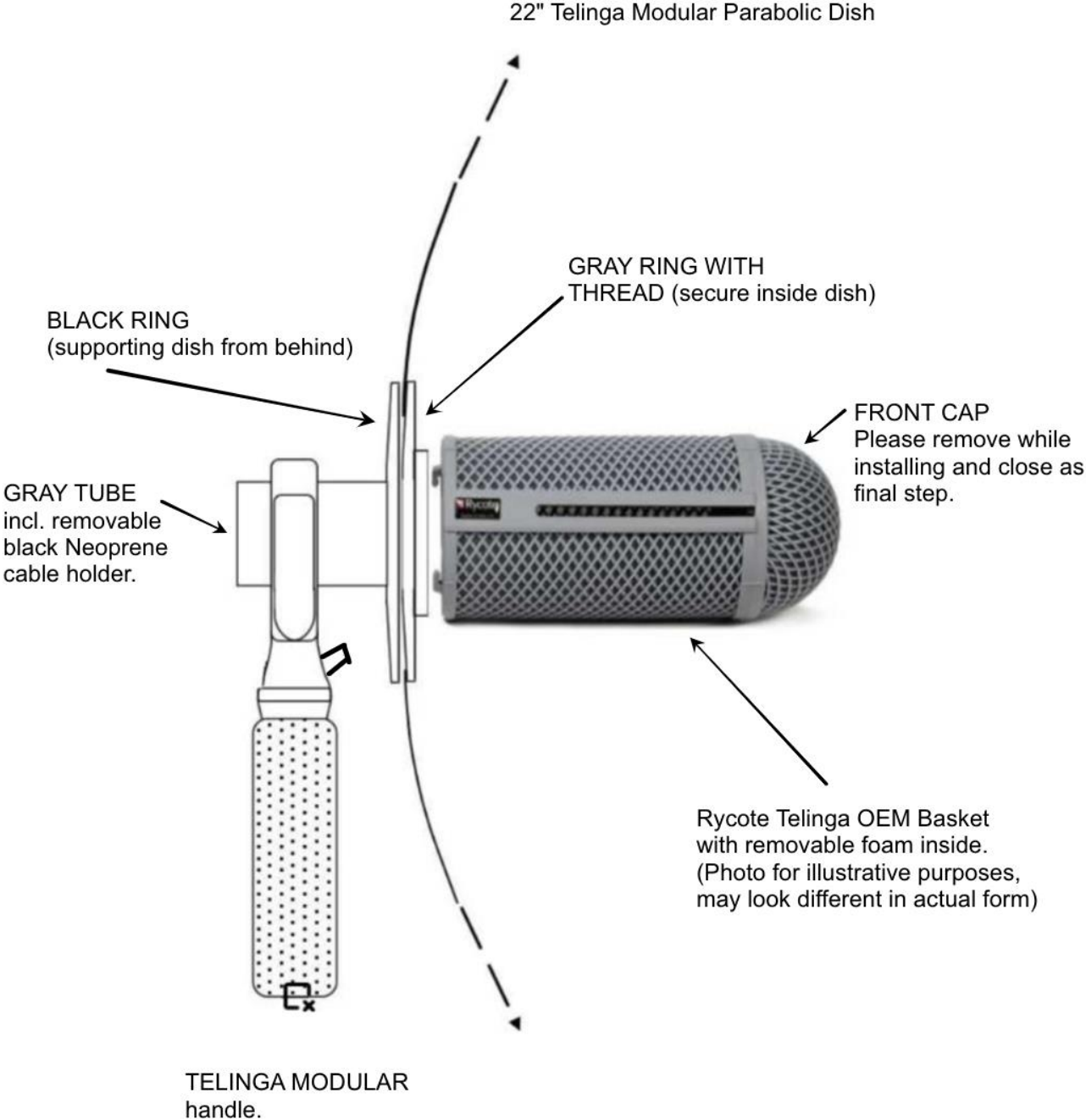
**(B) After unpacking the Telinga Modular:** always keep any small parts and bags secured in a safe place away from children.

**3) Cabling:** If using a cable coming out of the gray tube (please see installation instructions) without the black Neopren holder found in the tube, the cable might cause handling noise when moving the dish. It sounds similar to a microphone touching the foam inside the basket. **To prevent this you will need to hold the cable or secure it around the handle.** Please see page. 7.

**4) Stationary Use:** To use the Telinga Modular in a **stationary setup** on a Tripod Stand you will need the optional Telinga Tripod Mount: [www.telinga.com/products/accessories/tripod-mount/](http://www.telinga.com/products/accessories/tripod-mount/)

**5) Storing:** Please only store the dish folded temporarily when travelling or it may deform over time. **Please see more information page 11.**

**TELINGA MODULAR PARABOLIC DISH ASSEMBLING**



**PLEASE MAKE SURE ALL PARTS ARE SECURED FIRMLY BEFORE USE!** The basket back thread only needs about 1/3 of the thread of the tube before its "locked".

## The Telinga Modular includes:

- 1) **22" Telinga Foldable Parabolic Dish** to be secured in the **mounting kit** in-between the black ring and gray ring. The gray ring with thread should always be secured **INSIDE** the dish while the black ring without thread supports the parabolic dish from BEHIND. Please see above picture.
- 2) **Handle** incl. mounting kit (gray tube, black ring, gray ring) already mounted in handle & black **NEOPRENE** cable holder cylinder (removable) found in the gray tube.
- 3) **Rycote Telinga Basket with the MONO foam suspension** holds your mic while you can place a cable in the sliced cable lane of the foam, this is important when using a cardioid or omni microphone facing the dish. **STEREO FOAM INCLUDED. Please see FAQ (page 15.)** of this manual for mounting examples.
- 4) **Radius Windshields Telinga Windjammer (synthetic fur)** to be placed over the basket in windy conditions.
- 5) **NEOPRENE CABLE HOLDER (black cylinder)** comes pre-attached in the gray tube (removable) We recommend using the neoprene cable holder with sliced cable lane whenever possible (microphone not too long). **If a microphone is too long to use the Neoprene cable holder, and you use a cable coming directly out of the gray tube remember you will need to hold your cable around the handle or secure it (with temporary cable ties for example) or handling noise can appear.** Please also see page 7.

## Using the Telinga Modular with a microphone/cable:

- A) Please begin with removing the gray front cap of the Telinga Rycote Basket. Then mount the dish as above picture. The 22" Foldable Dish should be attached before inserting a microphone.
- B) If you wish to use a microphone with its capsule **facing the dish** (all cardioid mics!) **please take out the removable black foam which sits inside the basket**. If you wish to use your omni microphone forward, please leave the black foam inside the basket. **PLEASE SEE PHOTOS BELOW (PAGE 5 & 6)**



### **MOUNTING A SHORTER MIC (OMNI OR CARDIOID) FACING THE DISH:**

1. Please take out the black (removable) foam from the basket.
2. Locate the sliced cable lane of the foam and place a cable (NOT MIC) thru the cable lane of the foam. We suggest a angled low profile cable as photo. After placing the cable in the foam cable lane - INSERT THE FOAM with cable AGAIN. Adjust cable length as above photo by pulling cable.
3. If possible, place the cable also thru the cable lane of the **BLACK (REMOVABLE) NEOPRENE CABLE HOLDER** found in the **GRAY TUBE**. Secure with the handle knob.
4. Adjust cable length so it is not too long inside the basket (causing handling noise) or too short coming out of the dish. After cable length is adjusted please find a suitable microphone or microphone capsule (omni or cardioid) shorter length that you wish to use.
5. **Mounting a microphone:** connect your cable to microphone with its capsule placed inside the center hole of the foam facing dish. On top of the basket you can find a silver sticker **focus indicator**. Place your microphone capsule close to the focus indicator inside the center hole of the foam. It is not critical where your microphone is placed as long as its capsule is close (+/- 10 mm) to the focus, you can experiment until desired result. **AFTER INSERTING A MIC LET THE FOAM ADJUST TO THE SIZE OF THE MIC aprx 5-10 seconds**. That also applies if changing microphone position.



### **MOUNTING A LONGER MICROPHONE TYPE (OMNI MICS ONLY!) FORWARD**

1. Please leave the foam inside the Rycote Telinga Basket after removing the front cap. (Do not remove the foam.)
2. Take the **black cylinder shaped Neoprene cable holder** out of the **GRAY TUBE** of the handle. Remember: dish should be attached already!
3. Please attach a cable to your microphone and insert the microphone from the back of the dish **thru the gray tube -> into the foam of the basket**. Please see above photo: you should be able to see the front of your microphone thru the foam center hole.
4. **DISH FOCUS:** On top of the basket you can find a silver sticker **focus indicator**. Place your microphone capsule close to the focus indicator inside the center hole of the foam. You can change position easily simply by pushing the microphone inwards or outwards. It is not critical where your microphone is placed as long as it is close (+/- 10 mm) to the focus of the dish, you can experiment until you have a desired result.

**AFTER INSERTING YOUR MIC LET THE FOAM ADJUST TO THE SIZE OF THE MIC aprx 5-10 seconds before using the Telinga Modular.** That also applies if changing microphone position inside the foam.



5. If using a microphone that is too long to use the included black Neoprene cylinder cable holder (found in the tube) **please remove it** – and let your cable come out of the gray tube (as above photo).

**IN THIS CONFIGURATION IT IS IMPORTANT TO HOLD YOUR CABLE AROUND THE HANDLE** - or fasten it around the handle with cable ties (that you can easily remove at a later stage.)

A cable that is moving around by itself – not held – or that cannot be placed in the Neoprene cable holder while using the dish can create a handling noise sound that is similar to touching the foam of the basket while recording. Most often this handling noise is caused by your cable itself as it twists slightly when moving, especially with thicker cables.

If you are still experiencing handling noise from your cable, please remove the cable and mic. Connect cable and mic (ONLY) **without the Telinga Modular dish**. Hold your microphone with one hand and move the cable with the other to (listen) and find out if your cable or mic needs to be replaced.

## 6. FINAL STEP!

CLOSE THE TELINGA RYCOTE BASKET WITH ITS GRAY FRONT CAP.

**IMPORTANT!** PLEASE DO NOT LEAVE A LARGER MONO MICROPHONE INSIDE THE FOAM OF THE BASKET WHEN **NOT** USING THE TELINGA MODULAR. **REMOVE IT TO LET THE FOAM CENTER HOLE GO BACK TO SHAPE.**

Please make sure you have secured the knobs of handle, the gray ring with thread and black ring holding the dish - **or handling noise might occur!**

## SYSTEM AFTER ASSEMBLING





Attaching the included **Radius Windshields Telinga Windjammer**. We recommend using it at attached all times to protect your mics from dust, humidity and wind. Especially when using “AF” type mics such as **SCHOEPS**.



Folding the included 22" **Telinga Foldable Dish**.



Please see **Folding** and **Soft Case** instructions next page!

Using the optional **Telinga Soft Case.**



**Photo:** Dish packed in Soft Case. **Please note:** Nagra SD device pictured is not included.

Please store the dish **folded only while travelling**. If you fold the dish away for longer periods of time, weeks or months the dish may deform. If the dish deforms after travelling please let it rest on a flat surface for 24-48 hours to regain shape. We recommend the [Telinga Soft Case](#).

Please see next page.

Attaching the optional **Telinga Tripod Mount** for stationary use.



## READY TO USE!

+ After assembling the Telinga Modular parabolic dish you can connect your microphone and cable to a microphone input (pre-amplifier). Make sure all levels and volume are set to low. **The parabolic dish operates only by acoustical amplification.** Only your microphone and pre-amplifier operates electronically. **Please use your Telinga Modular outside**, inside there are too many reflections: Acoustical feedback may occur. Please watch your ears!

+ If your microphone or mic capsules requires +48V (Phantom Power) or PIP (Plug In Power) please enable this on your preamplifier/device.

+ In windy conditions please always use the included TELINGA RADIUS BASKET (SYNTHETIC FUR) WINDJAMMER. It is also recommended to use a TELINGA DISH HWC: [www.telinga.com/products/accessories/hi-wind-cover/](http://www.telinga.com/products/accessories/hi-wind-cover/)  
This HWC protects your dish from both sunrays entering the dish and from insects buzzing around inside the dish.

This Telinga comes with 2 Year International Warranty!

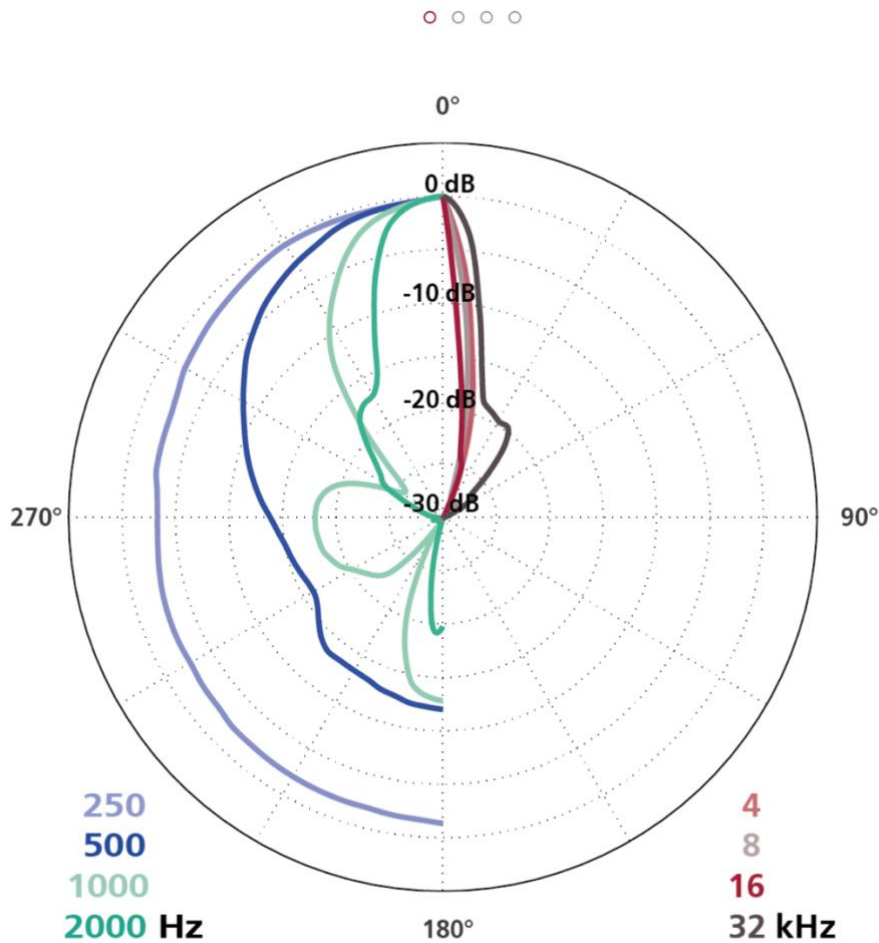
**Designed in Sweden by TELINGA MICROPHONES.**

[www.telinga.com](http://www.telinga.com)

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Errors and omissions excepted.

**PLEASE SEE NEXT PAGES FOR SPECIFICATIONS &  
FREQUENTLY ASKED QUESTIONS (FAQ).**



**POLAR DIAGRAM** with. cardioid SCHOEPS CCM 4 facing the dish.

**Weight complete with dish/reflector, mono foam and Rycote windjammer :** 0,79 Kg

**Weight complete with dish/reflector, stereo foam and Rycote windjammer :** 0,81 Kg

**Dish diameter:** 22" (effective area) **Dish incl. gray rim:** 23" (packing size)

**Dish depth:** 6"

**Dish foldable:** YES (6" collapsed)

**Dish material:** Polycarbonate mix

**Dish center hole diameter:** 39 mm

**AVAILABLE ACCESSORIES:**

**Telinga Modular Dish HWC** (Green or Gray)

[www.telinga.com/products/accessories/hi-wind-cover/](http://www.telinga.com/products/accessories/hi-wind-cover/)

**Tripod Mount** for all Telinga handles (Aluminum Silver)

[www.telinga.com/products/accessories/tripod-mount/](http://www.telinga.com/products/accessories/tripod-mount/)

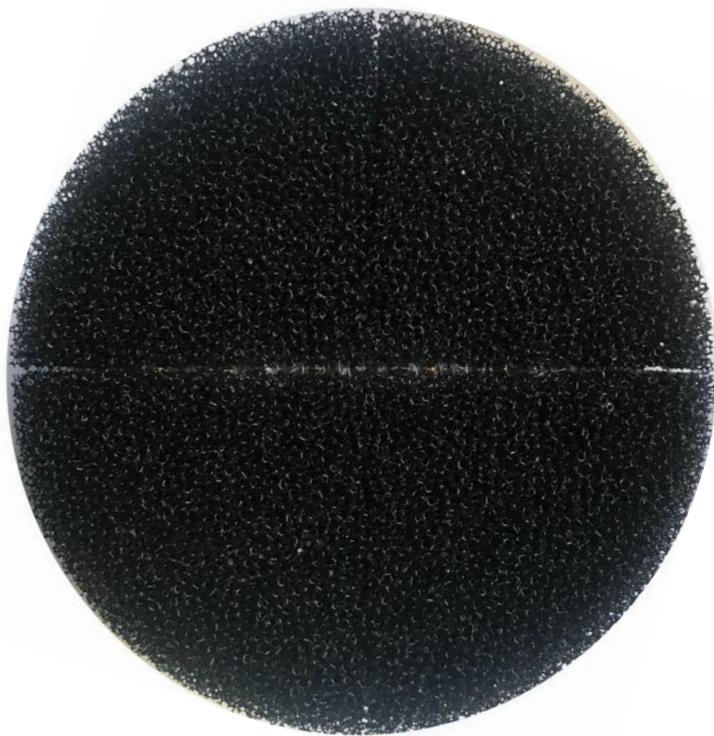
**Soft Case** for reflector/dish (Green) [www.telinga.com/products/accessories/soft-case/](http://www.telinga.com/products/accessories/soft-case/)

## Frequently asked questions (FAQ) with tips and tricks.

### 1) How to use the included Stereo Foam.

The **Telinga Modular** stereo foam allows configuration of “in-dish PZM stereo” by separating the two sides of the dish using a plate (baffle) that comes pre-installed in the stereo foam. Please see photos below.

**Photo A.** Back of stereo foam forms a “cross” and should be placed towards the inside (back end) of the Telinga Rycote Basket and dish. The front of the foam will then be visible in the front of the dish, with its two pre-cut foam channels. Please note you should not use glue or any other adhesive for it to sit in the basket, the oversized foam “sits” in the basket firmly by itself after inserting it.



**Photo A :** Stereo Foam back end forming a “cross”.

**Photo B :** Placing lavalier mics or other type of capsules in the **Stereo Foam**. Please use **OMNI-DIRECTIONAL** capsules only in this configuration.



The red circle shows **capsule placement** in the stereo foams front (in dish focus). Focus of the dish is indicated by the silver sticker **FOCUS INDICATOR** on top of the **Telinga Rycote Basket**. We recommend placing each capsule 3 - 4 cm from front of foam in both sides (each foam channel). This allows a **LEFT** and **RIGHT** channel configuration for stereo with the preinstalled **PLATE** of the stereo foam placed **VERTICALLY**.

You can also use larger capsules than in the above example, simply following the same procedure. If you feel the sound is too “crisp” (too much high frequencies) try placing the capsules further into the back of the foam.

**See next page.**



**Photo C & D:** Stereo arrangement after placing capsules in Stereo Foam.



**C.** Capsules inside foam channels.



**D.** After placing foam in Rycote Basket.

**FINAL STEP:** After following above mounting procedure you can attach the basket again to the Gray Tube, Handle & Dish as pictured **page 3**. You will need to remove the black **Neoprene Stopper** out of the gray tube while mounting the Telinga Rycote Basket again, and then insert the Neoprene Stopper again as final step, to hold the cabling in place. Please make sure the cabling does not twist while attaching the basket with the foam inside to the dish.

To **DISASSEMBLE** again and remove your mics, simply follow the same procedure again but **in reverse**. Its important to never turn the Telinga Rycote Basket around clockwise or anticlockwise while mics and cables are placed in the foam, as this will damage your cable, and perhaps mics eventually. You should always have the mics and cabling removed out of the basket and foam before you loosen the basket from the dish.



**E.** Cabling thru included Neoprene Stopper.



**TELINGA MODULAR ASSEMBLED.**

**FOR MORE EXAMPLES AND MOUNTING  
OPTIONS FROM THE USER COMMUNITY, PLEASE VISIT:**

SHOWROOM PAGE : [www.telinga.com/showroom/photos/](http://www.telinga.com/showroom/photos/)  
SOUNDCLOUD PAGE: [soundcloud.com/telinga-soundfiles](https://soundcloud.com/telinga-soundfiles)

## Focus Indicator TIPS & TRICKS.

THE SILVER STICKER INDICATES FOCUS OF DISH.



**FOR CARDIOID OR OMNI MICS FACING DISH:** WE RECOMMEND MOUNTING MIC CAPSULE PLACED CLOSER TO BACK END OF FOCUS INDICATOR (TOWARDS DISH).



**FOR OMNI MICS (ONLY) OUTWARDS IN DISH:** WE RECOMMEND MOUNTING MIC CAPSULE PLACED CLOSER TO FRONT END OF FOCUS INDICATOR (OUTWARDS DISH).

PLEASE VISIT [TELINGA.COM](http://TELINGA.COM) for more information.

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**USER NOTES:**