



TELINGA MODULAR V 1.0 USER MANUAL (PDF)

Thank you for purchasing the Telinga Modular!

Before using it - please read the complete manual.

Some important information:

1) This parabolic dish/reflector does not contain any electronics and comes without microphone & cable. **Therefore:** It is not compatible with Telinga microphones but its design allows you to find a favorite setup with your own microphones (or sensors) & cables. We recommend to start with an omni pencil style microphone if you have not used a parabolic reflector before. The Telinga Modular **is not designed for a particular microphone**, depending on which “sound” you are looking for it allows many different microphones (or sensors) to be used in the included dish basket/foam holder “suspension”. **If you ask us?** We love **SCHOEPS** microphones and **PRIMO** electrets (for stereo PZM configurations in the dish).

2) Folding the 22” Telinga parabolic dish. **Please only store the dish folded temporarily when travelling.** If you fold the dish away for longer periods of time, weeks or months the dish will deform over time. If the dish deforms after travelling please let it rest on a flat surface for 24-48 hours to regain shape. Please keep any loose small parts and bags secured in a safe place away from children.

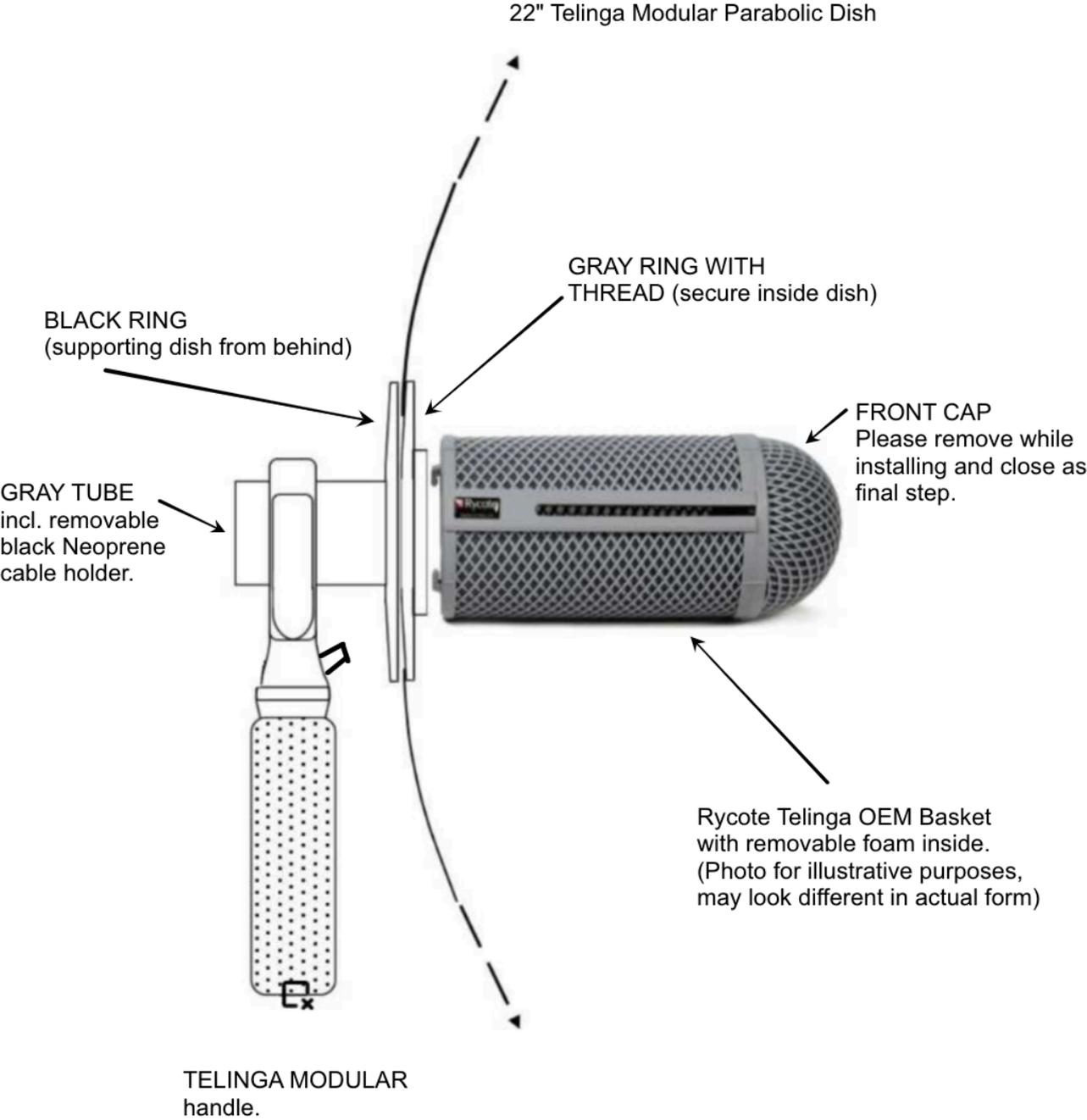
3) Never point the parabolic dish directly towards the sun! The sunrays collected by the dish onto the focus of the dish might cause the foam to burn. It is possible to use the **RYCOTE TELINGA OEM DISH HWC** (optional) to prevent sunrays from entering the dish. Please see:

<https://www.telinga.com/products/accessories/rycote-telinga-dish-hwc/>

4) When using your own cable coming out of the gray tube (please see installation instructions) the cable might cause handling noise when the cable is moving and twists. It sounds similar to microphone touching the foam inside the basket. **To prevent this you must then hold the cable or secure it around the handle.** Please see page. 7.

5) If you wish to use the Telinga Modular on a Tripod Stand you will need the optional [Telinga Tripod Mount](#)

TELINGA MODULAR MOUNTING AND INSTALLATION



PLEASE MAKE SURE ALL PARTS ARE SECURED FIRMLY BEFORE USE!

The Telinga Modular includes:

- 1) **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.
- 2) **22" Telinga Modular Parabolic Dish** to be placed 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 dish from BEHIND. Please see above picture.
- 3) **Rycote Telinga OEM Basket with the "MONO" foam suspension** the foam holds your mic/sensor while you can place your cable in the sliced cable lane of the foam, when using a cardioid or omni microphone facing the dish. **16.04.2021 (BETA)-STEREO FOAM ALSO INCLUDED. Please contact us for installation instructions: info@telinga.com**
- 4) **Rycote Telinga Windjammer ("fake fur")** to be placed over the basket in windy conditions.
- 5) **NEOPRENE CABLE HOLDER (black cylinder)** comes preattached in the gray tube (removable) We recommend using the neoprene cable holder with sliced cable channel whenever possible (microphone not too long). **If your microphone is too long to attach 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 cable noise might appear. Please see page. 7.**

Using the Telinga Modular with your microphone/sensor/cable (GETTING STARTED!)

(A) Please begin with removing the gray front cap of the Rycote Telinga OEM Basket. **Then mount the complete dish as above picture (PAGE 3)** the 22" dish should be attached before inserting microphone/sensors.

(B) If you wish to use a microphone or sensor with its capsule **facing the dish** (all cardioid mics!) **please take out the removable black foam which sits inside the basket**. If you want to use your omni microphone or sensor forward, please leave the black foam inside the basket

PLEASE SEE PHOTOS BELOW (PAGE 5 & 6)



USING A SHORTER MICROPHONE (OMNI OR CARDIOID) FACING THE DISH:

1. Please take out the black (removable) foam from the basket.
 2. Allocate the sliced cable lane of the foam and place your cable (NOT MIC) thru the cable lane of the foam. We recommend 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 handle knob.
 4. Adjust cable length so its not too long inside the basket (causing handling noise) or too short coming out of the dish to attach to your recorder. After cable length is adjusted please find a suitable microphone or sensor (omni or cardioid) shorter length that you wish to use.
 5. **Attaching your 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 you find a "sound" you prefer.
- AFTER INSERTING YOUR MIC LET THE FOAM ADJUST TO THE SIZE OF THE MIC aprx 5-10 seconds.** That also applies if changing microphone position.



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

1. Please mount complete dish as picture page 3. Please leave the foam inside the Rycote Telinga OEM basket after removing the front cap. (Do not remove the foam.)
2. Remove the **black cylinder shaped Neoprene cable holder** out of the **GRAY TUBE** of the handle. Remember: dish should be attached already!
3. Please attach your 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 your microphone capsule 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 find a "sound" you prefer. **AFTER INSERTING YOUR MIC LET THE FOAM ADJUST TO THE SIZE OF THE MIC aprx 5-10 seconds before recording . That also applies if changing microphone position inside the foam.**



5. If using a microphone that is too long to use the included black Neopren cylinder cable holder (found in the tube) **please remove it** - so the cable instead can come out of the gray tube (as above photo).

IN THIS CONFIGURATION IT IS IMPORTANT TO HOLD YOUR CABLE AROUND THE HANDLE WHILE RECORDING 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 Neopren cable holder while using the dish often 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 the 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** - to your recorder. Hold your microphone with one hand and move the cable with the other to find out if your cable or mic needs to be replaced.

6. FINAL STEP BEFORE RECORDING:

CLOSE THE TELINGA RYCOTE BASKET WITH ITS GRAY FRONT CAP.

RECOMMENDED! PLEASE DO NOT LEAVE YOUR MICROPHONE INSIDE THE FOAM OF THE BASKET WHEN NOT RECORDING. REMOVE IT TO LET THE FOAM GO BACK TO SHAPE BY REMOVING THE FRONT CAP AND TAKE OUT YOUR MIC OR SENSOR FROM THE FOAM.

SYSTEM AFTER ASSEMBLING – READY TO USE.



Please make sure all parts are secured firmly to avoid handling noise.
+ After assembling the system as above photos and pictures please connect to your recorder/preamp. **Make sure input and output levels are set low before recording and attaching your headphones.** The parabolic dish operates only as a reflector (acoustical amplification). Only your microphone/sensors and headphones are operating with your recorder electronically. Please use your Telinga Modular **outside**, inside there are too many reflections, acoustical feedback might occur. Please watch your ears!

+ If your microphone or sensors requires +48V (Phantom Power) or PIP (Plug In Power) please enable this on your recorder.

+ In windy conditions please always use the included TELINGA RYCOTE OEM BASKET ("FAKE FUR") WINDJAMMER. It is also recommended to use a TELINGA DISH RYCOTE HWC: <https://www.telinga.com/products/accessories/rycote-telinga-dish-hwc/> This HWC protects your dish from both sunrays entering the dish and from insects buzzing around inside the dish while recording.

+ Do not use in stationary (permanent) installations without using a dish high wind cover such as: <https://www.telinga.com/products/accessories/rycote-telinga-dish-hwc/>

Please contact Telinga Microphones for any further information: info@telinga.com or by phone: +46 (0) 702 979 979.

Made in Sweden by TELINGA MICROPHONES.

www.telinga.com

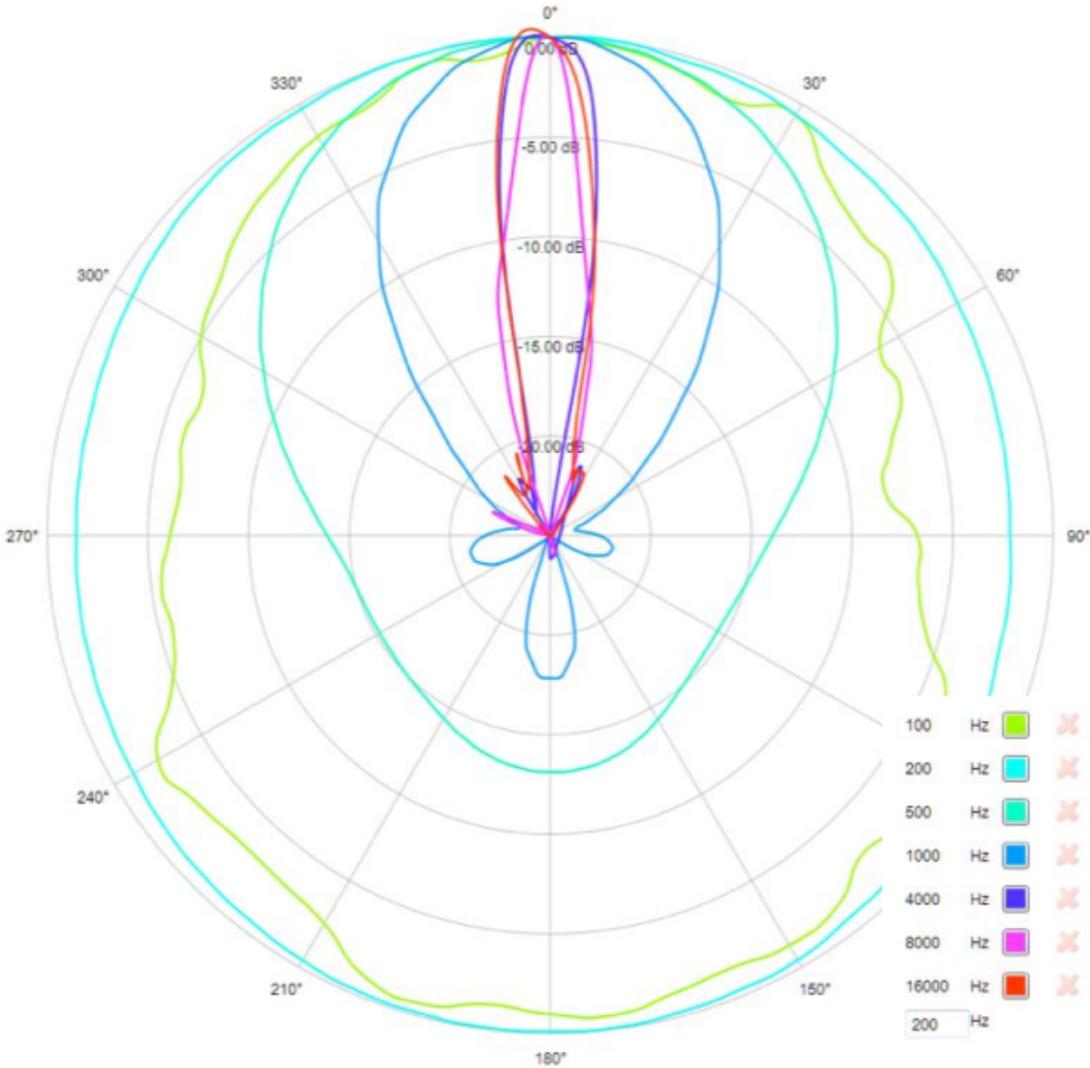
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Errors and omissions excepted.

PLEASE SEE NEXT PAGES FOR SPECS.

SPECIFICATIONS:

POLAR (TYPICAL) CARDIOID 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**
Dish center hole diameter: **39 mm**

2 year international warranty.

Available accessories:

[Rycote Telinga Dish HWC](#) (Black)

[Tripod Mount for all Telinga handles](#) (Aluminum Silver)

[Soft Case for reflector/dish](#) (Green)

Last edited 2021-06-14