USER'S MANUAL
DIGITAL AMPLIFIER "ERAMP TCL 202-S"

ERAMP TCL 202-S, is equipped with:
- amplifier able to charge 2 x 2 W. Rms.
- FM tuner.
- two sources of audio signal.
INTERNAL signal source and FM TUNER.

Note: Consult your supplier to take advantage of the remote controls ref. LS32.

CONVENTIONS:
Functions will be referred between "-", keys between (-), visual indicators [-] and signal sources between {-}.

INDICATORS
[LED] – visual indicator of activated TUNER.

KEYS
(▲) – key to increase the level.
(▼) – key to reduce the level.

(RESET) – RESET key or initiation of the tuner.

(SEEK) – search key SEEK, search radio stations.

(FM/LINE) – source selection key.

SIGNAL SOURCES
{EXTERNAL} – usual signal source to the sound system.

{TUNER} – signal source of the radio.

1.0 - **SPECIFICATIONS**:

* Adjustment of the sound level between 66 dB and 0 dB, in 34 steps.
* Manually or by remote control Ref. ERLS 32.
* Select two sources of audio signal.
* Manual tuning of FM radio.
* "TIMER" temporiser, adjust for 30 minutes.

* **Infrared remote control**
Permits:
- Adjust "VOLUME" level.
- Select sources of sound.
- Tune radio stations in FM.
- Input and output of the temporiser, "TIMER mode"
- "MUTE" silencer.

1.0 - TECHNICAL CARACHTERISTICS:

* *POWER SUPPLY*
- Asymmetric power supply with maximum dissipation of 50 Watts.
- Nominal tension of power supply, stabilized to 12 Volts.
- Maximum current of output, 3 A.
- Electronic protection against short circuit.

* *AMPLIFIER*
- Impedance of recommended charge for each channel, not inferior to 8 Ohms.
- Maximum power, 4 Watts by channel.
- Effective power, 2 Watts by channel.
- Maximum distortion, THD < 0.4%
- Separation of channels, 70 dB.

* *TUNER*
- Band, 8 Mhz to 108 Mhz.
- Recommended type of aerial, exterior dipole.

* *REMOTE CONTROL RANGE*
   - Up to 10 metres.

2.0 – MAINTENANCE

- Clean frontal panel, in case of damage contact your authorized reseller.

3.0 – PRECAUTIONS:

- Do not use abrasive or solvent cleaners.
- Do not apply liquids directly.

4.0 – VOLUME ADJUSTMENT:

Two ways to do it:
* With ERLS 32 remote control by pressing one of the (VOLUME+) or (VOLUME-) keys.
* Manually by pressing one of the keys to increase (▲) or to reduce (▼).

5.0 – SELECTION OF THE SOUND SOURCE:

The amplifier has two signal sources:
EXTERNAL and FM TUNER.

* EXTERNAL signal source:
It's common to the rest of the system's amplifiers and automatically selected when the amplifier is connected for the first time. It's the "INTERNAL" source of the amplifier.

* FM tuner:
   Selectable by remote control ERL32 or manually.

* By remote control ERLS32:
     - Press one or two times the key (FM/LINE).

* Manually:
- By pressing the (FM/LINE) key, the [LED] indicator is illuminated.
- Press again the (FM/LINE) indicator to rearrange the internal source; the [LED] indicator will be turned off.

1.0 – FUNCTIONNING OF THE FM TUNER:

Select the signal source of the tuner FM.
If there isn't a station tuned:
- Press the search key (SEEK) or start the tuner:

7.1) *START TUNER:*
Can be done by two different ways:

* By remote control ERLS 32:
- Press (RESET) key or

* Manually:
- Press the (RESET) selection key of the amplifier.

7.2) *TUNING OF THE RADIO STATIONS:*
To tuning search the FM frequency, in two ways:

* By remote control ERLS 32:
- Press (SEEK) key.
The tuning is automatic and only stops in the next station if the aerial's signal has acceptable quality.

* Manually:
- Press the search key (SEEK) of the amplifier.
- Reach the peak of the FM frequency and the search process is interrupted. Restart the tuner by pressing the (RESET) key.

2.0 – USE OF THE TEMPORISER:

To avoid the amplifier stays turned on for undetermined time there's the temporiser function "TIMER". When the pre-programmed time is through, the volume gradually reduce until is turned off.

 "TIMER" function is programmed for 30 minutes and can't be changed.

8.1) *ACTIVATION OF THE TEMPORISER:*
The access to "TIMER mode" only can be done in one way:

* By remote control ERLS32.
- Press <u>one or twice</u> the (TIMER) key.

Obs:

The [LED] indicator will indicate the activation of "TIMER mode" like this:
- When the selected signal source is the {INTERNAL}, the [LED] indicator that was switched off starts to blink. The switched on state has a superior duration in relation to the switched off state.

8.2) QUIT "TEMPORISER" MODE:
Three methods:

• Automatic, when the temporisation expires, the amplifier reduces progressively the sound volume till the minimum.
• Turning off the amplifier by (▼) key.
• Remote control, press once (TIMER) key.