

**Transformer
Unit Q2TR-Q4TR**

AUDAC

PROFESSIONAL AUDIO EQUIPMENT

Transformer Unit Q2TR – Q4TR

User Manual & Installation Guide

AUDAC PROFESSIONAL AUDIO EQUIPMENT

User Manual & Installation Guide

© AUDAC
<http://www.audac.be>
info@audac.be

Index

INTRODUCTION	3
ENVIRONMENT	4
SAFETY REQUIREMENTS	5
CAUTION – SERVICING	5
OVERVIEW FRONT AND REAR PANEL OF Q2TR – Q4TR	6
FRONT	6
REAR	7
APPLICATIONS	8
ADDITIONAL INFORMATION Q2TR – Q4TR	9
TECHNICAL SPECIFICATIONS	9
PERSONAL NOTES	10

Introduction

This section briefly describes the possibilities of the Q2TR – Q4TR transformer unit.

The Q2TR – Q4TR transformer unit is developed as an easy to use, flexible solution.

During the development of the Q2TR – Q4TR transformer unit, the AUDAC-engineers wanted to achieve three goals:

- Easy to use
- Excellent sound quality
- Modern and advanced design

This transformer unit is designed to work in combination with the AUDAC Q2 or Q4 for the Q2TR respectively Q4TR. The unit transforms the 4Ω output of your AUDAC Q2 or Q4 amplifier to a 50V, 70V or 100V output level for use in a system with high impedance speakers.

This transformer unit gives you the possibility to attach four mono zones or two stereo zones.

Environment

Do not place this unit in an enclosed environment such as a bookshelf or closet. Ensure there is adequate ventilation to cool the unit.

Do not place the unit in environments which contain high levels of dust, heat, moisture or vibration.

Do not use the unit near water or other liquids. Make sure no water or other liquids can be spilled, dripped or splashed on the unit.

The unit is developed for indoor use only. Do not use the unit outdoors.

Do not place objects (books, vases, ...) on top of the unit.

Place the unit on a stable base.

Safety Requirements

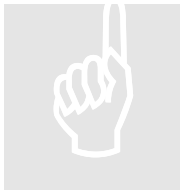
Always handle the unit with care.

This unit is not a toy. It should not be operated by children.

Do not stick objects through the openings of the Q2TR – Q4TR.

Do not open the unit.

Always read the user manual before you getting started.



CAUTION – SERVICING

This unit contains no user serviceable parts. Refer all servicing to qualified service personnel. Do not perform any servicing unless you are qualified to do so.

Note

This product conforms to the following European Standards: EN 50081-1: 1992, EN 50082-1: 1992, EN 60065: 1994

Overview front and rear panel of Q2TR – Q4TR

FRONT

Q2TR

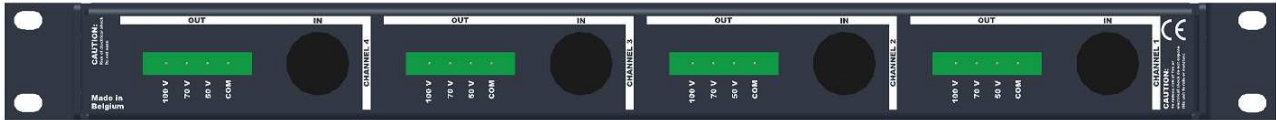


Q4TR

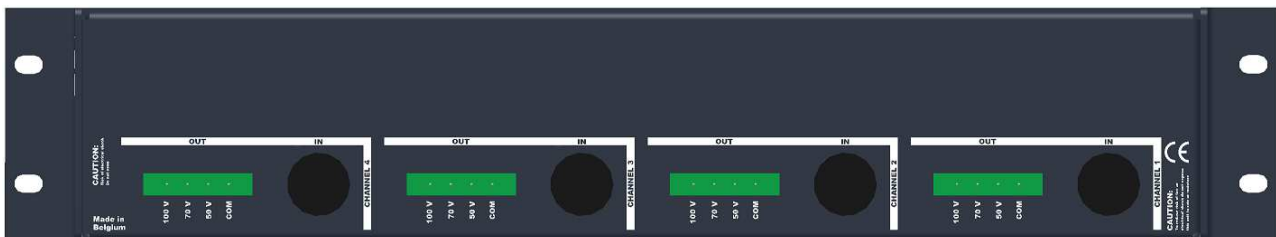


REAR

Q2TR



Q4TR



AMPLIFIER INPUT CONNECTOR

These connectors are connected to the output of the amplifier (low-impedance output) like the Q2 for the Q2TR and the Q4 for the Q4TR.

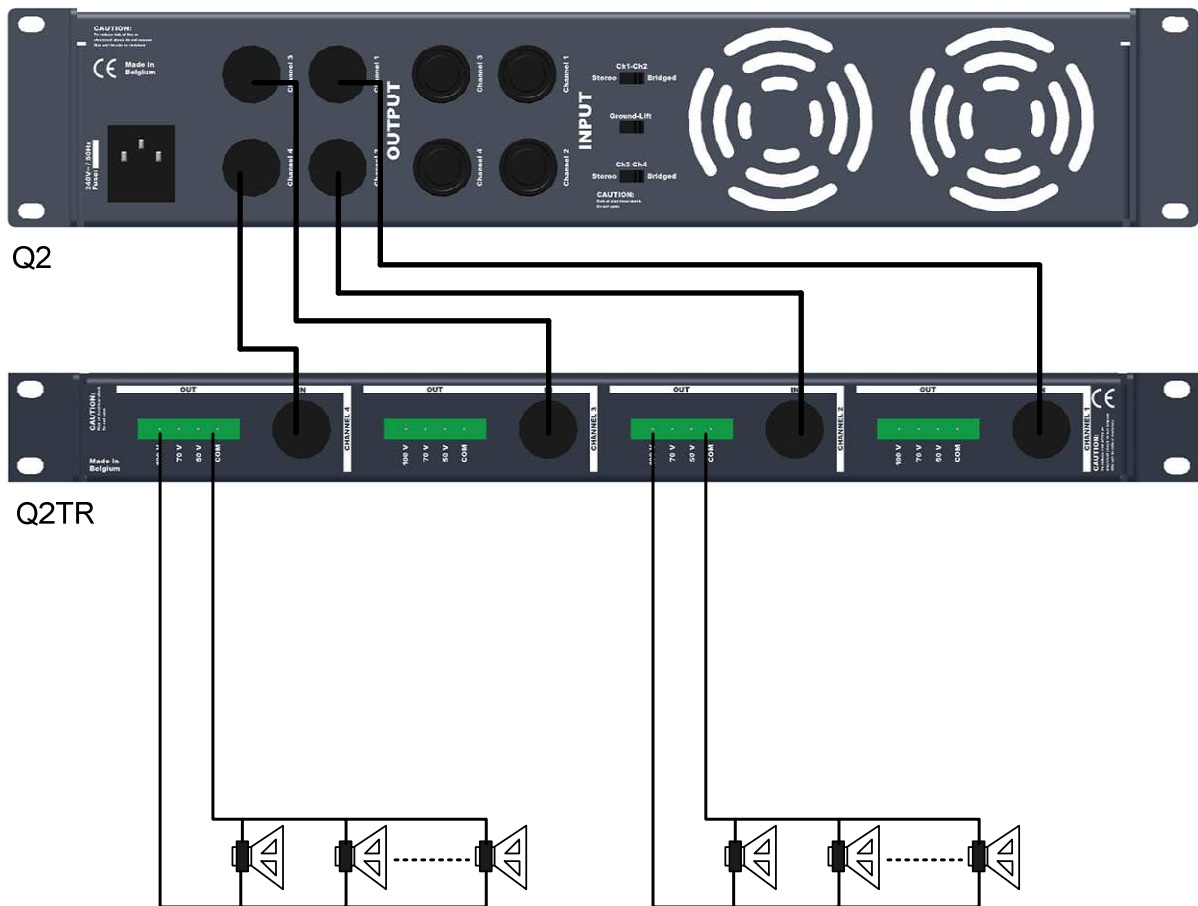
SPEAKER OUTPUT TERMINALS

These terminals are connected to the high-impedance loudspeakers.

You can find a brief overview of the minimum impedances that must be connected to the transformer units.

	100V	70V	50V
Q2TR	33,33 Ω	16,33 Ω	8,33 Ω
Q4TR	16,66 Ω	8,16 Ω	4,16 Ω

Applications



Additional Information Q2TR – Q4TR

Technical specifications

Rated Output	
Q2TR	50V-70V-100V
Q4TR	50V-70V-100V
Input/channel	
Q2TR	4 Ω /300 W
Q4TR	4 Ω /600W
Frequency response	20Hz-20kHz
Weight Q2TR	20 kg
Weight Q4TR	32 kg
Dimensions Q2TR (W x D)	483 mm x 380 mm
Dimensions Q4TR (W x D)	483 mm x 380 mm
Unit height Q2TR	1HE
Unit height Q4TR	2HE

Personal Notes