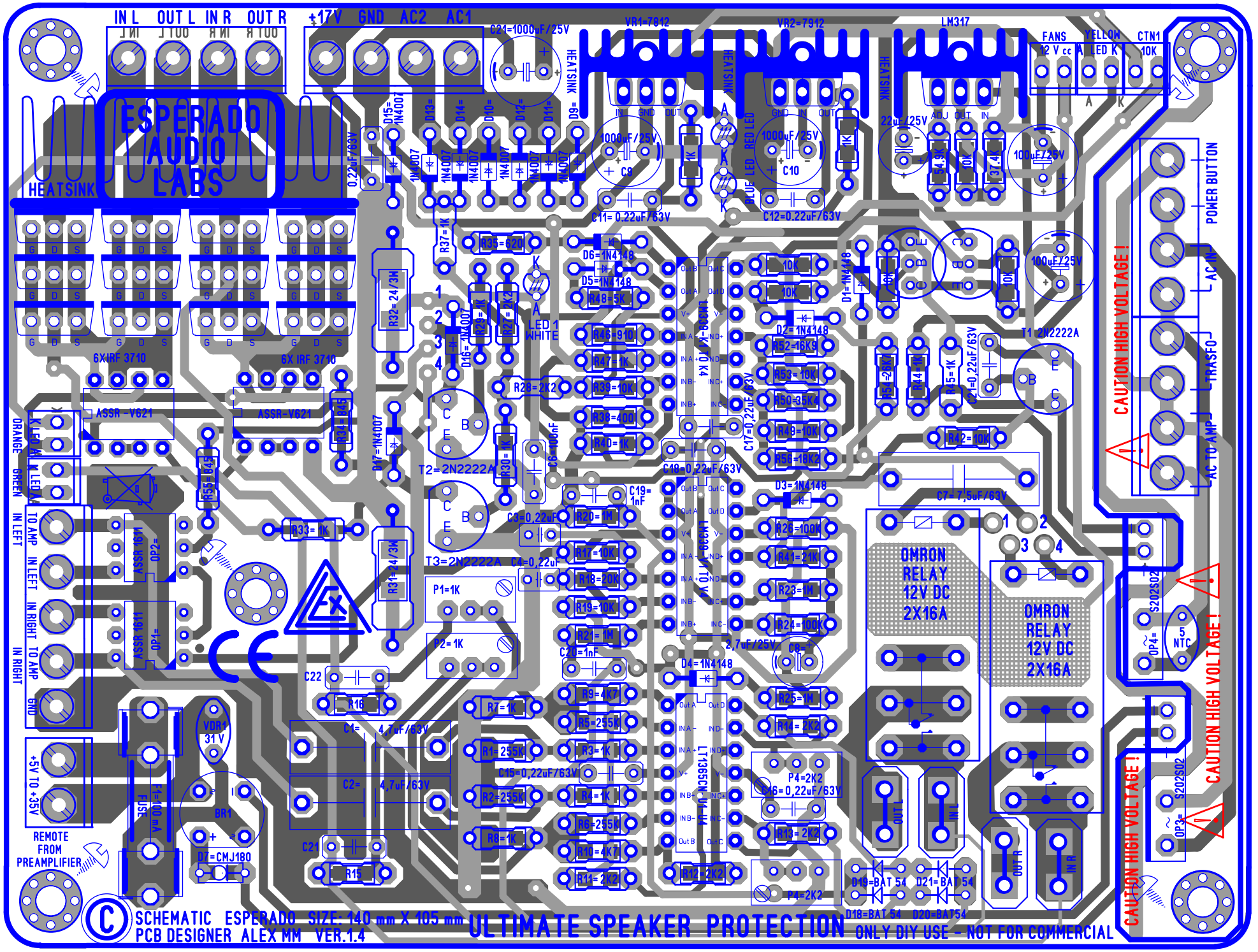
IN L
OUT L
IN R
OUT R
+17V
GND
AC2
AC1
ESPERADO AUDIO LABS
HEATSINK
VR1=7812
VR2=7912
LM317
FANS 12 V cc
YELLOW LED
CTN1 10K
C21=1000uF/25V
C9
C10
C11= 0,22uF/63V
C12=0,22uF/63V
22uF/25V
100uF/25V
POWER BUTTON
AC IN
TRASFO
AC TO AMP
CAUTION HIGH VOLTAGE!
6X IRF 3710
ASSR-V621
ASSR 1611
OMRON RELAY 12V DC 2X16A
T1 2N2222A
T2=2N2222A
T3=2N2222A
LED 1 WHITE
BLUE LED
RED LED
ORANGE
GREEN
IN LEFT
IN RIGHT
TO AMP
GND
+5V TO +35V
REMOTE FROM PREAMPLIFIER
VDR1 31 V
BR1
D1=CMJ180
F1=100 mA FUSE
S202S02
NTC
D1=1N4148
D2=1N4148
D3=1N4148
D4=1N4148
D5=1N4148
D6=1N4148
D16=1N4007
D17=1N4007
D18=BAT 54
D19=BAT 54
D20=BAT54
D21=BAT54
C1= 4,7uF/63V
C2= 4,7uF/63V
C3=0,22uF
C4=0,22uF
C15=0,22uF/63V
C16=0,22uF/63V
C17=0,22uF/63V
C18=0,22uF/63V
C19= 1nF
C20=1nF
C6=100nF
C7=7,5uF/63V
C8=1
2,7uF/25V
P1=1K
P2=1K
P4=2K2
LM358 LM324
LT1956CN LM324
SCHEMATIC ESPERADO SIZE: 140 mm X 105 mm
PCB DESIGNER ALEX MM VER.1.4
ULTIMATE SPEAKER PROTECTION
ONLY DIY USE - NOT FOR COMMERCIAL