

SCHEMATIC DIAGRAM

for FCC Application

LEVELTRONIC NT and MINILEVEL NT

with

Radio transmission

and

LEVELMETER 2000

Radio Module USA with 902MHz



FCC ID:
Applicant:
Correspondence Reference Number:
731 Confirmation Number:

O3T065-005-0351
Wyler AG Switzerland
16011
EA98309

The image shows a detailed electronic circuit diagram for a radio receiver, specifically a portable FM/AM receiver. The circuit is organized into several functional blocks:

- Power Supply Section:** Located at the top left, it features a transformer (T1) with multiple taps (1-12) connected to a bridge rectifier (BR134). The rectified output is filtered by a large electrolytic capacitor (C25, 2K2V) and a network of smaller capacitors (C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100). The output is regulated by a 5V regulator (U1) and a 1.5V regulator (U2).
- FM Receiver Section:** The central part of the circuit, featuring a PLL synthesizer (U1, PLL1021H) and a PLL discriminator (U2, PLL1021H). The PLL1021H is connected to a PLL1021H (U1) and a PLL1021H (U2). The PLL1021H is connected to a PLL1021H (U1) and a PLL1021H (U2). The PLL1021H is connected to a PLL1021H (U1) and a PLL1021H (U2).
- AM Receiver Section:** Located at the bottom left, it includes an AM detector (U3, AM1021H) and an AM discriminator (U4, AM1021H). The AM1021H is connected to an AM1021H (U3) and an AM1021H (U4). The AM1021H is connected to an AM1021H (U3) and an AM1021H (U4).
- Audio Amplifier Section:** The bottom right section, featuring an audio amplifier (U5, AU1021H) and an audio output stage (U6, AU1021H). The AU1021H is connected to an AU1021H (U5) and an AU1021H (U6). The AU1021H is connected to an AU1021H (U5) and an AU1021H (U6).
- Control and Interface Section:** The top right section, featuring a control unit (U7, CU1021H) and a control interface (U8, CU1021H). The CU1021H is connected to a CU1021H (U7) and a CU1021H (U8). The CU1021H is connected to a CU1021H (U7) and a CU1021H (U8).

The diagram includes numerous component values, such as resistors (R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100) and capacitors (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100).