

The schematic diagram illustrates the internal circuitry of a television receiver, model Typ 36-62-2. It is a complex layout showing the interconnection of various vacuum tubes and electronic components. The components are labeled with their respective designations and values.

**Vacuum Tubes:**

- 661:** A 6X4 tube used for the horizontal deflection circuit.
- 662:** A 6X4 tube used for the vertical deflection circuit.
- 663:** A 6X4 tube used for the horizontal deflection circuit.
- 664:** A 6X4 tube used for the vertical deflection circuit.
- 665:** A 6X4 tube used for the horizontal deflection circuit.
- 666:** A 6X4 tube used for the vertical deflection circuit.
- 667:** A 6X4 tube used for the horizontal deflection circuit.
- 668:** A 6X4 tube used for the vertical deflection circuit.
- 669:** A 6X4 tube used for the horizontal deflection circuit.
- 670:** A 6X4 tube used for the vertical deflection circuit.
- 671:** A 6X4 tube used for the horizontal deflection circuit.
- 672:** A 6X4 tube used for the vertical deflection circuit.
- 673:** A 6X4 tube used for the horizontal deflection circuit.
- 674:** A 6X4 tube used for the vertical deflection circuit.
- 675:** A 6X4 tube used for the horizontal deflection circuit.
- 676:** A 6X4 tube used for the vertical deflection circuit.
- 677:** A 6X4 tube used for the horizontal deflection circuit.
- 678:** A 6X4 tube used for the vertical deflection circuit.
- 679:** A 6X4 tube used for the horizontal deflection circuit.
- 680:** A 6X4 tube used for the vertical deflection circuit.
- 681:** A 6X4 tube used for the horizontal deflection circuit.
- 682:** A 6X4 tube used for the vertical deflection circuit.
- 683:** A 6X4 tube used for the horizontal deflection circuit.
- 684:** A 6X4 tube used for the vertical deflection circuit.
- 685:** A 6X4 tube used for the horizontal deflection circuit.
- 686:** A 6X4 tube used for the vertical deflection circuit.
- 687:** A 6X4 tube used for the horizontal deflection circuit.
- 688:** A 6X4 tube used for the vertical deflection circuit.
- 689:** A 6X4 tube used for the horizontal deflection circuit.
- 690:** A 6X4 tube used for the vertical deflection circuit.
- 691:** A 6X4 tube used for the horizontal deflection circuit.
- 692:** A 6X4 tube used for the vertical deflection circuit.
- 693:** A 6X4 tube used for the horizontal deflection circuit.
- 694:** A 6X4 tube used for the vertical deflection circuit.
- 695:** A 6X4 tube used for the horizontal deflection circuit.
- 696:** A 6X4 tube used for the vertical deflection circuit.
- 697:** A 6X4 tube used for the horizontal deflection circuit.
- 698:** A 6X4 tube used for the vertical deflection circuit.
- 699:** A 6X4 tube used for the horizontal deflection circuit.
- 700:** A 6X4 tube used for the vertical deflection circuit.

**Other Components:**

- Resistors:** Various types of resistors are used throughout the circuit, including carbon composition, metal film, and wirewound resistors. Values range from 10k to 1M.
- Capacitors:** Various types of capacitors are used, including electrolytic, ceramic, and film capacitors. Values range from 10pF to 1000µF.
- Transformers:** Several transformers are used, including the power transformer (AW36-80) and the horizontal deflection transformer (Tr 601).
- Inductors:** Various types of inductors are used, including air-core and iron-core inductors. Values range from 10µH to 100mH.
- Diodes:** Various types of diodes are used, including silicon, germanium, and vacuum tube diodes.
- Relays:** A relay is used for the channel selector switch.
- Switches:** Various types of switches are used, including toggle switches and rotary switches.
- Connectors:** Various types of connectors are used, including BNC connectors and screw terminals.

**Notes:**

1. Elementy oznaczone (\*) są dobierane lub nie montowane.
2. Liczba przy kółku charakteryzuje Nr wyjścia i zespołu (w przykładzie 601 wyjście pierwsze zespołu szóstego).
3. Pp32 - punkt pomiarowy drugi w zespole trzecim.
4. Napięcia i prądy mierzone przyrządem uniwersalnym typu „Unigor 3” przy optymalnym obrazie i dźwięku. Tolerancja pomiaru wynosi ±10%.
5. Liczby przy indukcyjnościach filtrów odpowiadają numerom cewek, cytowanym w instrukcjach. Liczby w nawiasach odpowiadają oznaczeniom producenta filtrów.
6. Przetłacznik kanałów (od punktów 206÷207 do punktów 201÷210) może ulegać zmianom niezależnym od T-18.

**Legend:**

- Oznaczenie oporników:** 0.1W, 0.25W, 0.5W, 1W, 2W, 3W, 4W.
- Oznaczenie kondensatorów:** 10pF, 100pF, 1nF, 10nF, 100nF, 1µF, 10µF, 100µF, 1mF.
- Oznaczenie transformatorów:** Tr 601, Tr 602, Tr 603, Tr 604, Tr 605, Tr 606, Tr 607, Tr 608, Tr 609, Tr 610, Tr 611, Tr 612, Tr 613, Tr 614, Tr 615, Tr 616, Tr 617, Tr 618, Tr 619, Tr 620, Tr 621, Tr 622, Tr 623, Tr 624, Tr 625, Tr 626, Tr 627, Tr 628, Tr 629, Tr 630, Tr 631, Tr 632, Tr 633, Tr 634, Tr 635, Tr 636, Tr 637, Tr 638, Tr 639, Tr 640, Tr 641, Tr 642, Tr 643, Tr 644, Tr 645, Tr 646, Tr 647, Tr 648, Tr 649, Tr 650, Tr 651, Tr 652, Tr 653, Tr 654, Tr 655, Tr 656, Tr 657, Tr 658, Tr 659, Tr 660, Tr 661, Tr 662, Tr 663, Tr 664, Tr 665, Tr 666, Tr 667, Tr 668, Tr 669, Tr 670, Tr 671, Tr 672, Tr 673, Tr 674, Tr 675, Tr 676, Tr 677, Tr 678, Tr 679, Tr 680, Tr 681, Tr 682, Tr 683, Tr 684, Tr 685, Tr 686, Tr 687, Tr 688, Tr 689, Tr 690, Tr 691, Tr 692, Tr 693, Tr 694, Tr 695, Tr 696, Tr 697, Tr 698, Tr 699, Tr 700.

**Diagram Details:**

- The diagram shows a power supply section at the top right, including a power transformer (AW36-80) and a rectifier circuit.
- The horizontal deflection section is located in the middle left, featuring a 661 tube and a horizontal deflection transformer (Tr 601).
- The vertical deflection section is located in the middle right, featuring a 662 tube and a vertical deflection transformer (Tr 602).
- The audio section is located at the bottom right, featuring a 663 tube and an audio transformer (Tr 603).
- The channel selector switch is located at the bottom left, featuring a 664 tube and a channel selector transformer (Tr 604).
- The diagram includes various control sections, including a contrast control section (Reg. kontrastu) and a brightness control section (Reg. jasności).
- The diagram also shows a series of test points and measurement points, including Pp32, Pp33, Pp34, Pp35, Pp36, Pp37, Pp38, Pp39, Pp40, Pp41, Pp42, Pp43, Pp44, Pp45, Pp46, Pp47, Pp48, Pp49, Pp50, Pp51, Pp52, Pp53, Pp54, Pp55, Pp56, Pp57, Pp58, Pp59, Pp60, Pp61, Pp62, Pp63, Pp64, Pp65, Pp66, Pp67, Pp68, Pp69, Pp70, Pp71, Pp72, Pp73, Pp74, Pp75, Pp76, Pp77, Pp78, Pp79, Pp80, Pp81, Pp82, Pp83, Pp84, Pp85, Pp86, Pp87, Pp88, Pp89, Pp90, Pp91, Pp92, Pp93, Pp94, Pp95, Pp96, Pp97, Pp98, Pp99, Pp100.



site: [www.unimor.pigwa.net](http://www.unimor.pigwa.net)

scan: stryker2(at)o2.pl