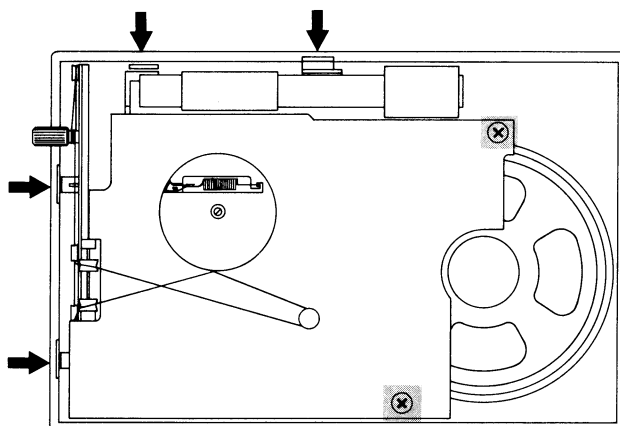


5/80

City-Boy 100

Chassis-Ausbau

1. Gerät auf die Frontseite legen, Batteriefachdeckel öffnen und die Batterien herausnehmen.
2. 3 Kreuzschlitzschrauben (Rückseite, Batteriefach und Unterseite) herausdrehen, Senderwahlknopf abziehen und Rückteil abnehmen.
3. 2 Kreuzschlitzschrauben herausdrehen und 4 mit Pfeilen gekennzeichnete Rastungen lösen (siehe Skizze). Chassis herausklappen.
4. Für Abgleicharbeiten müssen noch die Skala und 2 Abdeckungen unter den Reglern abgenommen werden.



FM-ZF-Abgleich 10,7 MHz (Gerät auf UKW)

Abgleich-Reihenfolge	Ankopplung des Wobblersausganges	Sichtgeräteanschluß	Abgleich
F 3	L 7	über NF-Tastkopf (47 kΩ) an MP 3	(a) auf Maximum und Symmetrie
F 2	L 7		(b) auf Maximum und Symmetrie
F 1	L 7		(c) auf Maximum und Symmetrie
F 3	L 7		(a) auf größtmögliche Linearität des
F 2	L 7		(b) ± 75 kHz-Hubes
Die Mittenfrequenz wird durch die Resonanzfrequenz des Keramikschwingers bestimmt. Der Keramikschwinger muß jeweils übereinstimmende Farbkennzeichnung und gleiche GRUNDIG-Bestellnummer aufweisen.		Farbkennzeichnung für 75978-258.00	Farbpunkt schwarz $10,64 \pm 0,03$ MHz Farbpunkt blau $10,67 \pm 0,03$ MHz Farbpunkt rot $10,70 \pm 0,03$ MHz Farbpunkt orange $10,73 \pm 0,03$ MHz Farbpunkt weiß $10,76 \pm 0,03$ MHz

AM-ZF-Abgleich 460 kHz (Gerät auf MW)

Abgleich-Reihenfolge	Ankopplung des Wobblersausganges	Sichtgeräteanschluß	Abgleich
F 5	L 10	Tastkopf an MP 3	(I) auf Maximum
F 4	L 10		(II) auf Maximum

Die Mittenfrequenz wird durch die Resonanzfrequenz des Keramikschwingers bestimmt.

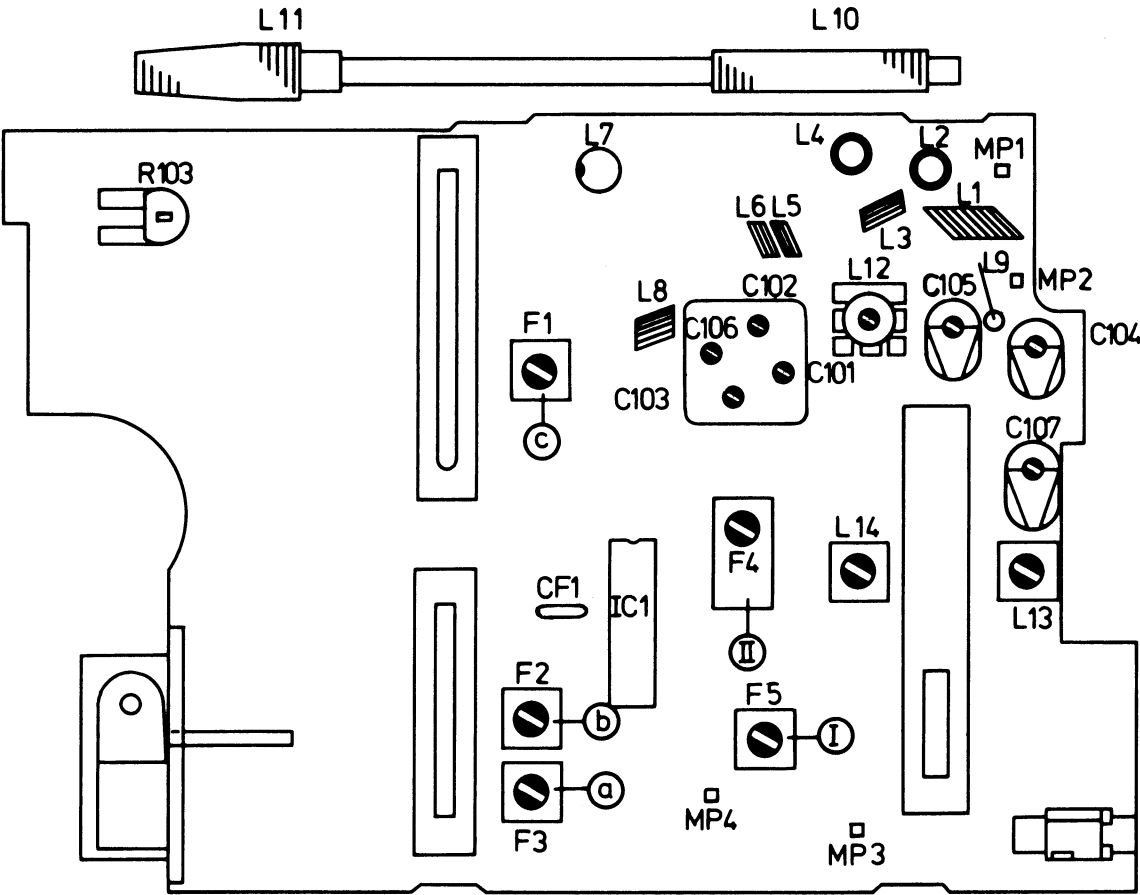
AM-Oszillator- und Vorkreis-Abgleich

Bereich, Frequenz Zeigerstellung: Anschlag	Oszillator	Frequenz	Vorkreis	Bemerkungen
MW	505 kHz L 13 Max.	600 kHz	L 10 Max.	Bei MW und LW über Rahmen auf die Ferritantenne einkoppeln.
	1650 kHz C 106 Max.	1400 kHz	C 103 Max.	
LW	145 kHz L 13 Max.	145 kHz	L 11 Max.	
	270 kHz C 107 Max.	260 kHz	C 104 Max.	
K/SW	5,85 MHz L 14 Max.	5,9 MHz	L 12 Max.	Der KW-Abgleich wird bei abgetrennter Teleskop-Antenne durchgeführt. Das Signal wird über 80 Ω und 8 p F in Serie am MP 1 eingespeist.
	6,35 MHz	6,3 MHz	C 105 Max.	

FM-Oszillator- und Zwischenkreis-Abgleich

Meßsender-Frequenz Zeigerstellung	Oszillator	Frequenz	Zwischenkreis	Bemerkungen
87,3 MHz	L 8 Max.	88 MHz	L 5 L 6 Max.	Der Signalgenerator, Innenwiderstand 60 Ω, wird an MP 1 angeschlossen.
108,5 MHz	C 102 Max.	106 MHz	C 101 Max.	

Abgleich-Lageplan
ALIGNMENT SCHEME
PLAN DE REGLAGE
PIANO DI TARATURA



AM-FM-Seilzug

Seillänge ca. 486mm

AM-FM-DIAL CORD

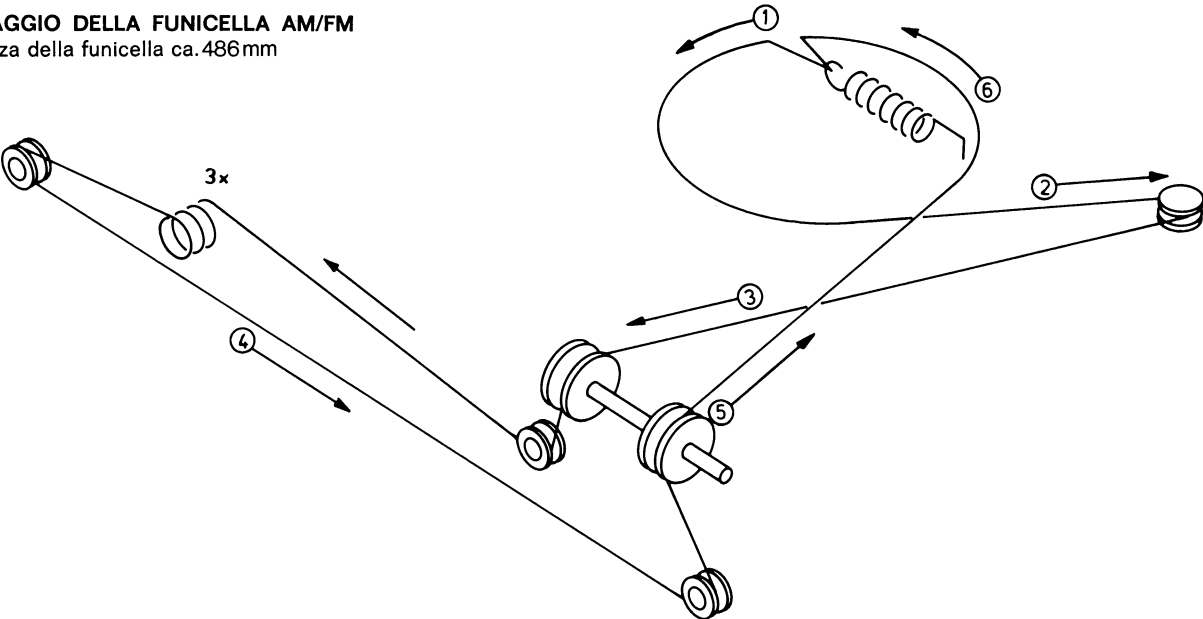
cord length approx. 486mm

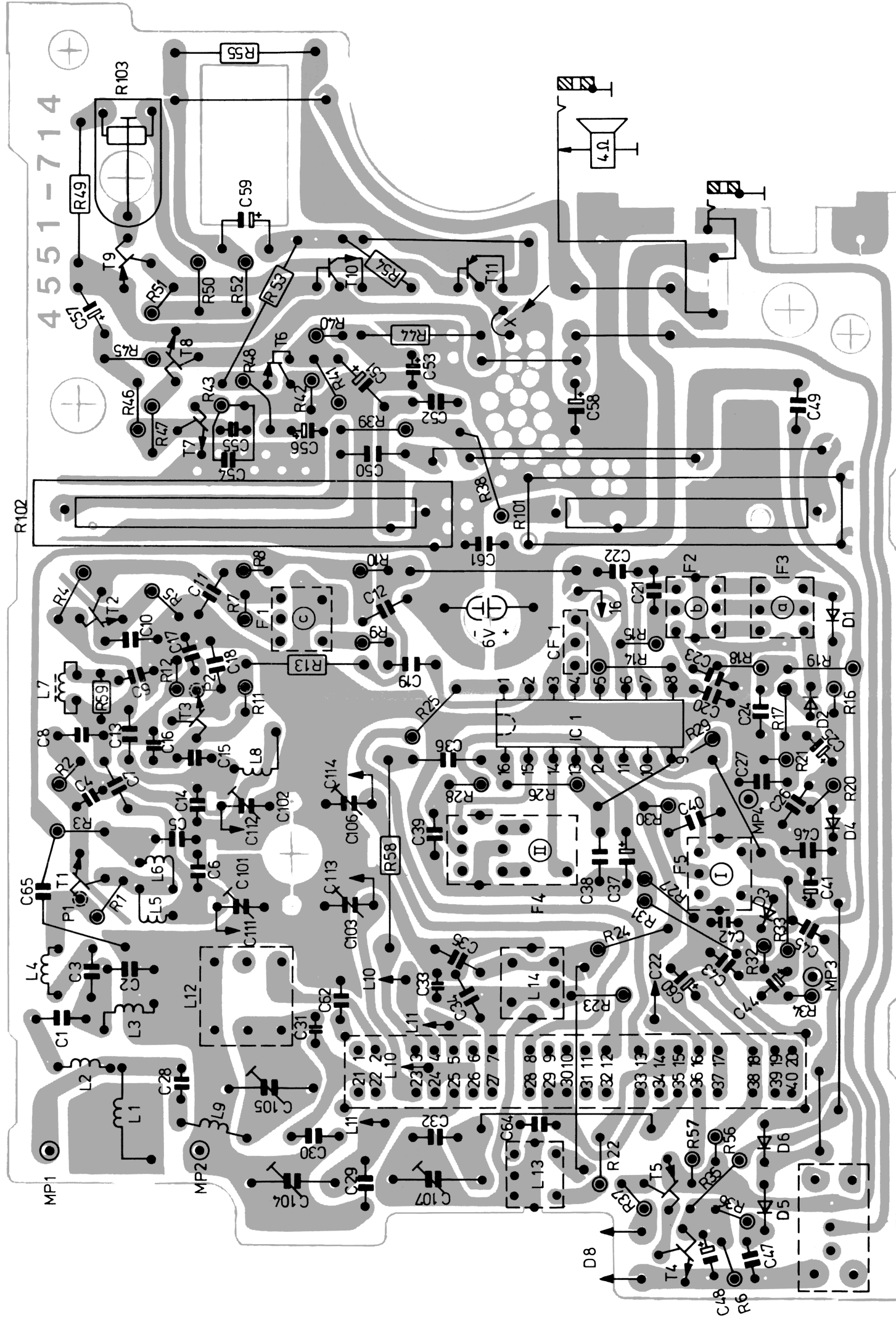
ENTRAÎNEMENT AM/FM

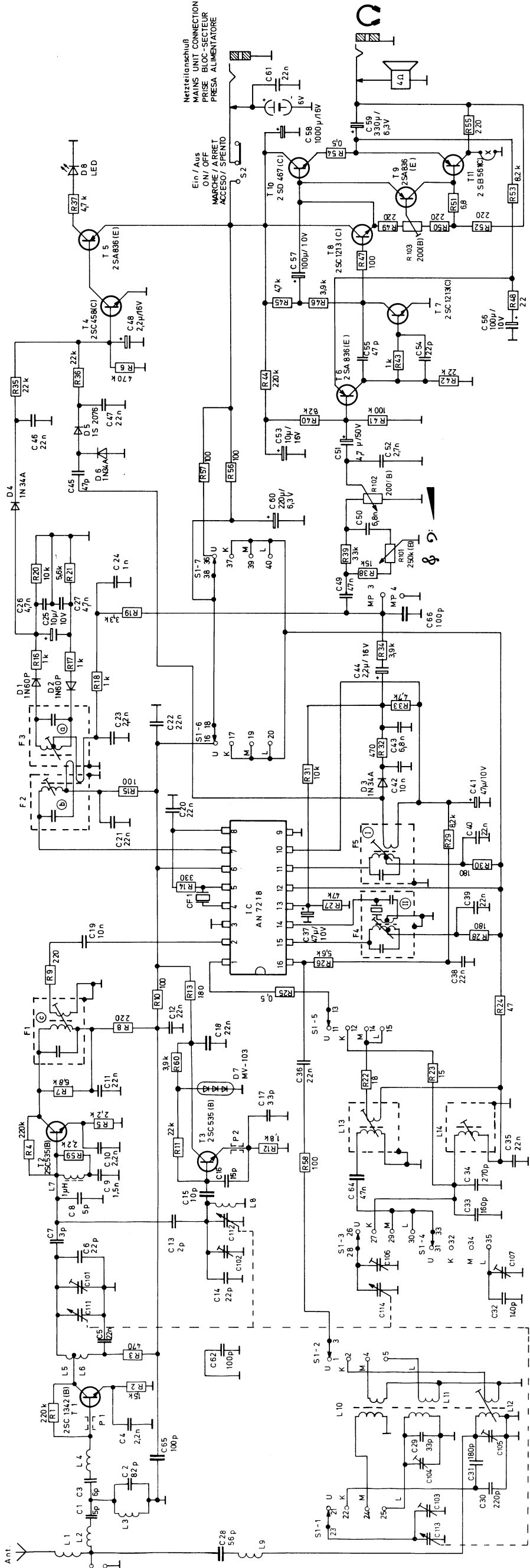
longueur de cable 486mm

MONTAGGIO DELLA FUNICELLA AM/FM

lunghezza della funicella ca. 486mm

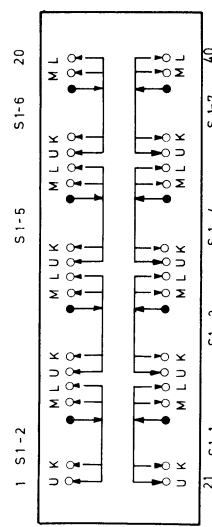






8-10mA
einstellbar mit R103
TO BE ADJUSTED BY R103
REGOLABILE PAR R103
REGOLABILE CON R103

Wellenbereichsschalter (Blick auf Lotseite)
WAVE BAND SWITCH (SOLDER SIDE)
SÉLECTEUR GAMMES D'ONDES (CÔTÉ SOUDURES)
SELETORE GAMME D'ONDA (LATO SALDATURE)



Gezeichnete Stellung : UKW
SHOWN IN POSITION : FM
MONTRE EN POSITION : FM
RAPPRESENTATO IN POS : FM

UKW : 87,5...108 MHz
KW : 5,9...6,3 MHz
MW : 510...1620 KHz
LW : 150...280 KHz

Änderungen vorbehalten!
ALTERATIONS RESERVED!
MODIFICATIONS RESERVEES!
CON RISERVA DI MODIFICA!



City-Boy 100

(E750017-906.00)

C:	C28, C113, C1, C30, C32, C31, C29, C4, C65, C111, C101, C106, C102, C112, C107, C15, C34, C64, C38, C19, C37, C40, C21, C20, C41, C42, C23, C43, C44, C25, C26, C48, C24, C66, C50, C60, C45, C52, C53, C46, C47, C55, C48, C56, C57, C54, C58, C59, C61,
R:	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, 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, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R139, R140, R141, R142, R143, R144, R145, R146, R147, R148, R149, R150, R151, R152, R153, R154, R155, R156, R157, R158, R159, R160, R161, R162, R163, R164, R165, R166, R167, R168, R169, R170, R171, R172, R173, R174, R175, R176, R177, R178, R179, R180, R181, R182, R183, R184, R185, 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