

MKH 416-P48-U3

TECHNISCHE ÄNDERUNG MKH 416-P48-U3

Der HF-Kondensatormikrofon MKH 416-P48-U3 wird in Zukunft in einer fertigungstechnisch modifizierten Version ausgeliefert. Die neue Leiterplatte mit der Leiterplattennummer 56190 fließt ab Seriennummer 70000 in die Fertigung ein.

Heften Sie diese Service-Information zu der entsprechenden Service-Anleitung:

- MKH 416-P48-U3 (Ersatzteilnummer 40539)

INHALT:

- Stromlaufplan (Leiterplattennummer 56190)
- Gedruckte Schaltung (Leiterplattennummer 56190)
- Explosionszeichnung
- Ersatzteile

TECHNICAL MODIFICATION MKH 416-P48-U3

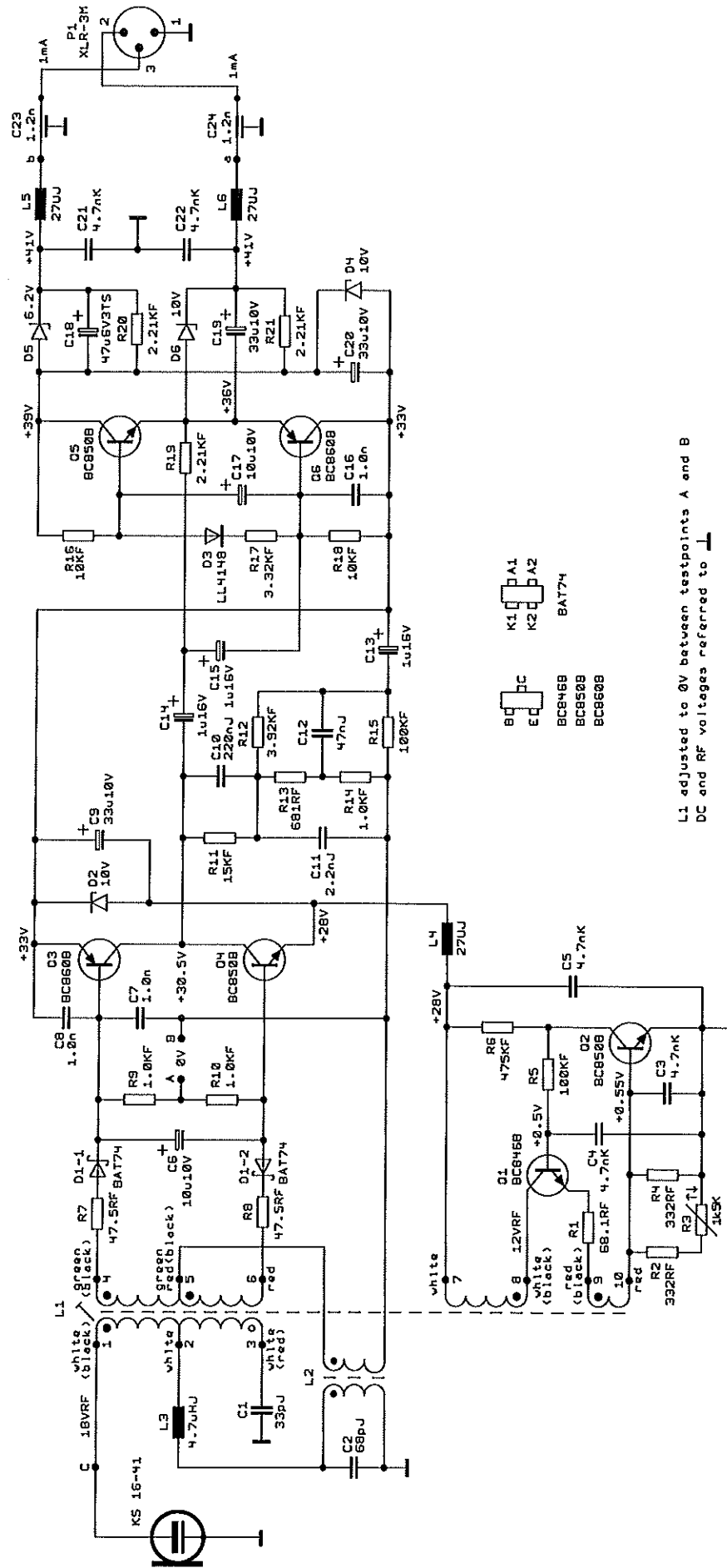
The RF condenser microphone MKH 416-P48-U3 will in future be slightly modified: It will contain a new printed circuit board, PCB no. 56190. This modification will be implemented from serial number 70000.

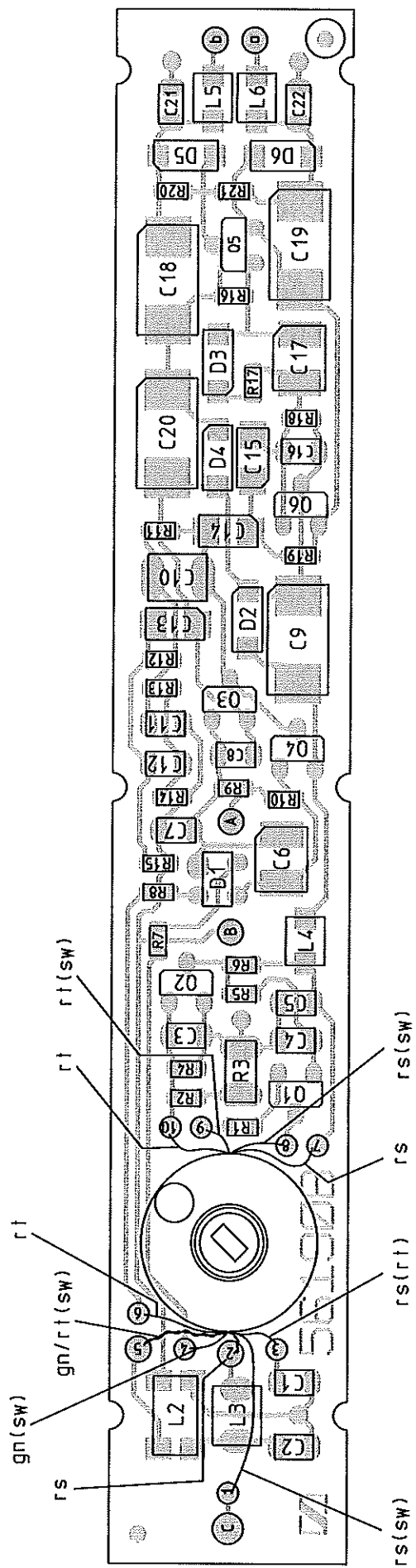
Please attach this Service-Information close to your Service manuals:

- MKH 416-P48-U3 (Spare part no. 40539)

CONTENTS:

- Circuit diagram (PCB no. 56190)
- Diagram of the printed circuit board (PCB no. 56190)
- Exploded view
- Spare parts

MKH 416-P48-U3, STROMLAUFPLAN, LEITERPLATTENNR. 56190
MKH 416-P48-U3, CIRCUIT DIAGRAM, PCB NO. 56190

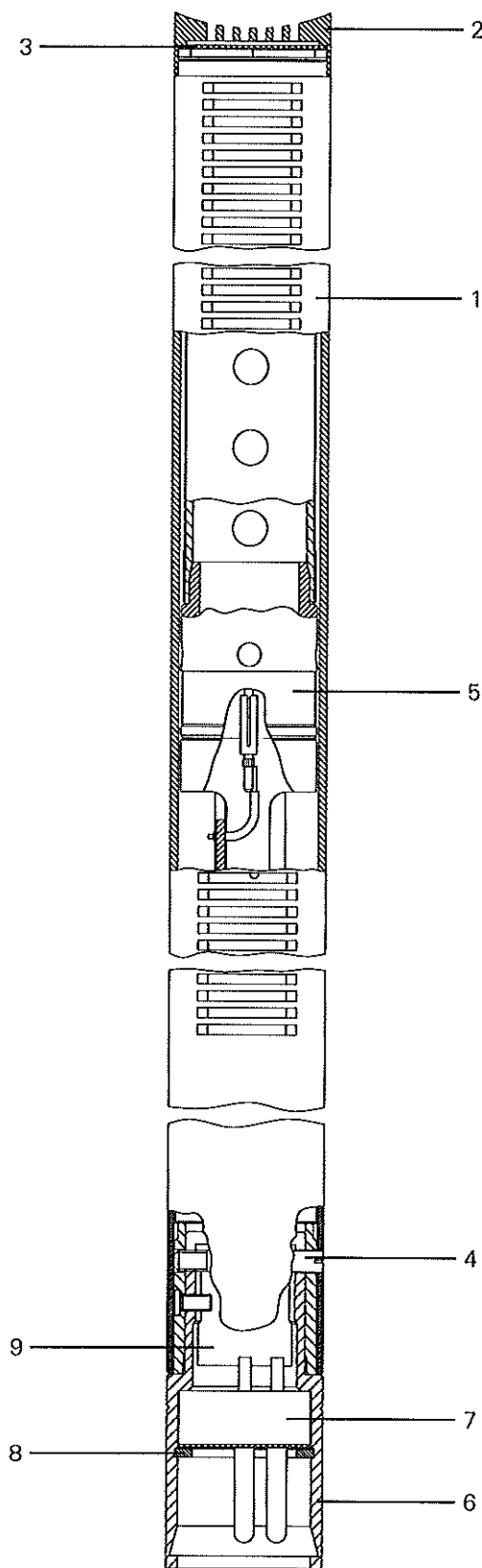


MKH 416-P48-U3, GEDRUCKTE SCHALTUNG, LEITERPLATTENNR. 56190
 MKH 416-P48-U3, PRINTED CIRCUIT BOARD, PCB NO. 56190

EXPLOSIONSZEICHNUNG

EXPLODED VIEW

#19963



ERSATZTEILE

SPARE PARTS

POS	IDENT	BEZEICHNUNG	DESCRIPTION
001	19976	Rohr mit Einsprache, mattschwarz	Tube with sound inlet, matt black
002	10628	Einsprache	Sound inlet
003	10628	Scheibe	Washer
004	21818	Gewindestift	Threaded pin
005	58936	Kondensatorkapsel, Niere, KS 16	Condenser capsule, cardioide, KS 16
006	70823	Steckereinsatz, komplett	Plug insert, complete
007	21413	Steckereinsatz, XLR-3m	Plug body, XLR-3m
008	23069	Seeger-V-Ring, Sicherungsring	Seeger-V-ring, locking ring
009	56156	Leiterplatte, bestückt	Printed circuit board assembly
AA001	26810	Windschutz	Windscreen
C001	28816	SMD Kondensator KERKO 33pF 50V NP0	SMD capacitor KERKO 33pF 50V NP0
C002	29146	SMD Kondensator KERKO 68pF 50V NP0 0805	SMD capacitor KERKO 68pF 50V NP0 0805
C003	17630	SMD Kondensator KERKO 4,7nF 50V X7R	SMD capacitor KERKO 4.7nF 50V X7R 0805
C004	17630	SMD Kondensator KERKO 4,7nF 50V X7R	SMD capacitor KERKO 4.7nF 50V X7R 0805
C005	17630	SMD Kondensator KERKO 4,7nF 50V X7R	SMD capacitor KERKO 4.7nF 50V X7R 0805
C006	45010	SMD Kondensator TA-KO 10uF 4V ERO ETPW1	SMD capacitor TA-KO 10uF 4V ERO ETPW1
C007	19512	SMD Kondensator KERKO 1nF 50V NP0 0805	SMD capacitor KERKO 1nF 50V NP0 0805
C008	19512	SMD Kondensator KERKO 1nF 50V NP0 0805	SMD capacitor KERKO 1nF 50V NP0 0805
C009	48320	SMD Kondensator TA-KO 33uF 10V SUP12	SMD resistor TA-KO 33uF 10V SUP12
C010	45807	Kondensator KERKO 220nF 63V X7R KEFQ 1210	Capacitor KERKO 220nF 63V X7R KEFQ 1210
C011	72132	Kondensator KERKO 2,2nF 50V X7R KEFQ 0805	Capacitor KERKO 2.2nF 50V X7R KEFQ 0805
C012	45806	Kondensator KERKO 47nF 63V X7R KEFQ 0805	Capacitor KERKO 47nF 63V X7R KEFQ 0805
C013	41414	SMD Kondensator TA-KO 1uF 16V	SMD capacitor TA-KO 1uF 16V
C014	41414	SMD Kondensator TA-KO 1uF 16V	SMD capacitor TA-KO 1uF 16V
C015	41414	SMD Kondensator TA-KO 1uF 16V	SMD capacitor TA-KO 1uF 16V
C016	19512	SMD Kondensator KERKO 1nF 50V NP0 0805	SMD capacitor KERKO 1nF 50V NP0 0805
C017	45010	SMD Kondensator TA-KO 10uF 4V ERO ETPW1	SMD capacitor TA-KO 10uF 4V ERO ETPW1
C018	45775	SMD Kondensator TA-KO 47uF 6,3V	SMD resistor TA-KO 47uF 6.3V
C019	48320	SMD Kondensator TA-KO 33uF 10V SUP12	SMD resistor TA-KO 33uF 10V SUP12
C020	48320	SMD Kondensator TA-KO 33uF 10V SUP12	SMD resistor TA-KO 33uF 10V SUP12
C021	17630	SMD Kondensator KERKO 4,7nF 50V X7R	SMD capacitor KERKO 4.7nF 50V X7R 0805
C022	17630	SMD Kondensator KERKO 4,7nF 50V X7R	SMD capacitor KERKO 4.7nF 50V X7R 0805
D001	45015	SMD 2xSKY Diode BAT74 SOT143	SMD 2xSKY diode BAT74 SOT143
D002	40390	SMD Z-Diode Mini-MELF ZMM10-2	SMD Z diode Mini-MELF ZMM10-2
D003	29994	SMD Diode Mini-MELF LL4148	SMD diode Mini-MELF LL4148
D004	40390	SMD Z-Diode Mini-MELF ZMM10-2	SMD Z diode Mini-MELF ZMM10-2
D005	45336	SMD Z Diode ZMM6,2-5 SUP8	SMD Z diode ZMM6.2-5 SUP8
D006	40390	SMD Z-Diode Mini-MELF ZMM10-2	SMD Z diode Mini-MELF ZMM10-2
L001	57445	HF-Spule	RF coil
L002	45864	SMD HF-Spule SUP 12	SMD RF coil SUP 12
L003	45894	SMD Spule 4,7uH SUP 8	SMD coil 4.7uH SUP 8
L004	55235	SMD Spule 27uF SUP8	SMD coil 27uF SUP8
L005	55235	SMD Spule 27uF SUP8	SMD coil 27uF SUP8
L006	55235	SMD Spule 27uF SUP8	SMD coil 27uF SUP8
R001	72135	SMD Widerstand Film 68R1 1% 0603	SMD resistor film 68R1 1% 0603
R002	72137	SMD Widerstand Film 332R 1% 0603	SMD resistor film 332R 1% 0603
R003	32939	SMD Widerstand NTC 15k 10% 1206	SMD resistor NTC 15k 10% 1206
R004	72137	SMD Widerstand Film 332R 1% 0603	SMD resistor film 332R 1% 0603
R005	45734	SMD Widerstand Film 100k 1% 0603	SMD resistor film 100k 1% 0603
R006	71440	SMD Widerstand 475K 1% 0603	SMD resistor 475K 1% 0603
R007	72134	SMD Widerstand Film 47R5 1% 0603	SMD resistor film 47R5 1% 0603
R008	72134	SMD Widerstand Film 47R5 1% 0603	SMD resistor film 47R5 1% 0603
R009	45729	SMD Widerstand Film 1k 1% 0603	SMD resistor film 1k 1% 0603
R010	45729	SMD Widerstand Film 1k 1% 0603	SMD resistor film 1k 1% 0603
R011	45836	SMD Widerstand Film 15K 1% 0603	SMD resistor film 15K 1% 0603
R012	72140	SMD Widerstand 3K92 1% 0603	SMD resistor 3K92 1% 0603
R013	72139	SMD Widerstand Film 681R 1% 0603	SMD resistor film 681R 1% 0603
R014	45729	SMD Widerstand Film 1k 1% 0603	SMD resistor film 1k 1% 0603
R015	45734	SMD Widerstand Film 100k 1% 0603	SMD resistor film 100k 1% 0603
R016	71394	SMD Widerstand 10K 1% 0603	SMD resistor 10K 1% 0603
R017	71393	SMD Widerstand 3K32 1% 0603	SMD resistor 3K32 1% 0603
R018	71394	SMD Widerstand 10K 1% 0603	SMD resistor 10K 1% 0603
R019	45833	SMD Widerstand Film 2K21 1% 0603	SMD resistor film 2K21 1% 0603
R020	45833	SMD Widerstand Film 2K21 1% 0603	SMD resistor film 2K21 1% 0603
R021	45833	SMD Widerstand Film 2K21 1% 0603	SMD resistor film 2K21 1% 0603
T001	28536	SMD Transistor BC846B SOT 23	SMD transistor BC846B SOT23
T002	32467	SMD Transistor BC850B SOT23	SMD transistor BC850B SOT23
T003	32468	SMD Transistor BC860B SOT23	SMD transistor BC860B SOT23
T004	32467	SMD Transistor BC850B SOT23	SMD transistor BC850B SOT23
T005	32467	SMD Transistor BC850B SOT23	SMD transistor BC850B SOT23
T006	32468	SMD Transistor BC860B SOT23	SMD transistor BC860B SOT23
ZZ010	55638	Etui	Case
ZZ011	52779	Faltschachtel	Folding box