

ABO – CENTER

V/ Henriksens Elektronik

Rep.tips MX3500, MX5500

Servicetips!

TAST: MENU – 0 – 0 – PLAY

- A = Drifttimer i videomode x 10
- B = Drifttimer i audiomode x 10
- C = Total st. by timer x 10

Servicetips!

Servicemode:

- Tast tv
- Kortslet servicemode stikket P48 på print 5 kortvarigt

Servicetips!

VED POWERFAIL

På hvert modul:

- Sæt potmeter på en spænding
- Tænd TV
- Stiger spænding hurtig = OK
- Det modul hvor spænding ikke stiger hurtigt er der fejl på

Fejl	Løsning
Rød diode kan ikke tænde	Check nicam modul = defekt Tag P804 op og prøv at tænde
Kan ikke tænde	Kondensator i netdel C20, C25 = 100µf --- C15, C11 = 1000µf --- C16 = 2200µf
Luminance forsvinder+ lyd forsvinder når TV er varmt	IC 6 defekt på tunerboard TDA 8120
Intet billede	IC 4 TDA 3506 på PAL/Secam/NTSC Dekoder TR19,D19&D20 kan også dø
Ingen synk	Lille board på bundprint (Still Display)
Lyd OK - Billede kodet	Trimmer R108 på tuner board defekt
Vil ikke stoppe ved stationsøgning	Trimmer R137 på tuner board defekt
Ingen lyd	Trimmer R137 på tuner board defekt
Ingen lyd	IC 1 = TDA 8421 Credit Bertil Svensson
Kan ikke tænde	D49 på netdel kortslettet Credit TB-Radio&tv
Tv prøver at starte op men slukker efter ca. 2sek.	Dårlige lodninger på video&sound switchingboard. R207 omloddes. (Power fail) Credit u.elektronik
Mørk skærm	Skru op for G2 - Streg midt på - Vert. afb. defekt

ABO – CENTER

V/ Henriksens Elektronik

Går ud meget periodisk	Dårlige lodninger på forbindelsen ml. de 2 print i netdel
Billede er mørkt. Kommer og går. Striber i billede	Dårlige lodninger på PAL/SECAM print. Modul2. Specialt stik og IC'er. Omlod Delay line (specielt den blå)
CA 220 μ F dør på deflection board med P.N 8007134	Man bør skifte C11=470 μ F - C12=22 μ F - C14=1 μ F
Programnr.+Info vælter (TextTv vælter)	Zenerdiode D17 på modul 6 (TELETEXT 8 μ F) er dårlig
Dødt, ingen lys i St.by diode	Hvis st.by. spænding er ca. 3V - fejl på sekundære side
Hylér når man tænder	TR 1 \emptyset /V Transistor kortsletter Print brændt Spole L4 kortslettet Trafo T2 kortslettet
Power failure-On led bliver kortvarigt grøn - derefter død	TR 20 BD426 defekt/dårlige lodninger på tunerboard Error kode (84) = A2 stereo dekode
Sort billede	G2/focus potmeter defekt
STby diode blinker 2 gange i sek. - vil ikke tænde	Dårlige lodninger på bundprint Credit Anders Jørgensen
Starter ej - Grøn tændes ca. 1/2 sek. derefter død	D24 i tunerdel afbrudt Credit: Audio Video Service
Når antenne stikket kommer på, brænder BU 508 af. Kan godt køre uden signal.	C12 22nF defekt
10TR8(BU508AF) brænder periodisk af	Årsag 1: 10C9 lækker. (Det kan ses på pulsen mrk. 1 under normal drift. Skift evt. til en 105 gr. (Der er varmt omkring den.) Årsag 2: Ferritrør på 10TR8 emitter, kan mangle fra tidligere rep. 10D3 (BAX14) kan erstattes af BA159. Credit: Paul Paulsen



ABO – CENTER

V/ Henriksens Elektronik

Tekniske data L4500

TYPE:

393X, 1990 - 1992

Specifications:	
CTV system	Multistandard B/G/L In GB version: only I
Picture tube system	Flat square, Hi-Bri, In-Line 110 degrees
Picture tube (visual picture)	63 cm - 25" (59 cm - 23")
Color system	Pal/Secam,NTSC A/V 4.43 MHz/3.58 MHz
Cabinet	Teak, Rosewood, grey metallic
Contrast screen	With metallized coating
Design	High format cabinet
Main features:	
Operation	Beolink 1000, one-way Prepared for two-way
Sound center balance	Between Beolab and beovision speakers
Provisional specifications:	
Sound system	Built-in Nicam EU+A2 stereo decoder Built-in Nicam EU+A2 dual language
TV tuner range	46-855 MHz: VHF,S,Hyper,UHF
Number of programmes	50
Satellite	Prepared for Beosat LM kit
No. of satellite programmes	64
Signal/noise level	> 35 dB/1 Vpp and antenna signal > 1mV
Crosstalk between sources	> 45 dB/5 MHz
Teletext	FLOF, TOP,5 alphabet,6 alphabet(E)
Teletext memory	4x50 page nos.
Station identification	Via Teletext/station naming
Speaker system	2x Bass Reflex
Speaker units	Full range 2x7.5 cm - 3"
Long-term max. output power	2x40 watts / 8 Ohms
Harmonic distortion	< 0.5% at 15 watts
Intermodulation	< 1%
Signal-to-noise ratio	> 50 dB weighted 50 mV(NICAM >70 dB)
Frequency range, audio	25 - 20,000Hz +/- 1.5 dB
Power bandwidth	25 - 20,000Hz
Bass control	+ / - 8 dB / 100 Hz
Treble control	+ / - 8 dB / 10,000 Hz
Power supply	220 - 240 volts
Power consumption	100 (75 - 165) watts

ABO – CENTER

V/ Henriksens Elektronik

Power consumption stand-by	3 watts
Dimensions W x H x D	77.5x47.5x42.5 cm
Weight	32.6 kg
Connections:	
AV Link	2x21-pin Euro -sockets
Super VHS	YC playback 4-pin socket
Audio Aux Link	7-pin socket
Power Link	2x8-pin sockets
External speakers	2x2-pin sockets
Motorized stand operation	4-pin socket
Aerial VHF - UHF	75 Ohms coaxial socket
Stereo headphones	Jack socket 6 mm
Link compatibility:	
DataLink	

ABO - CENTER v/Henriksens Elektronik

ABO – CENTER

V/ Henriksens Elektronik

Tekniske data L5500

TYPE:

392X, 1990 - 1991

Specifications	
CTV system	Multistandard B/G/L In GB version: only I
Picture tube system	Flat square, Hi-Bri, In-Line 110 degrees
Picture tube (visual picture)	70 cm - 28" (66 cm - 26")
Color system	Pal/Secam,NTSC A/V 4.43 MHz/3.58 MHz
Cabinet	Teak, Rosewood, grey metallic
Contrast screen	With metallized coating
Design	Wide format cabinet
Main features:	
Operation	Beolink 1000, one-way Prepared for two-way
Sound center balance	Between Beolab and beovision speakers
Provisional specifications:	
Sound system	Built-in Nicam EU+A2 stereo decoder Built-in Nicam EU+A2 dual language
TV tuner range	46-855 MHz: VHF,S,Hyper,UHF
Number of programmes	50
Satellite	Prepared for Beosat LM kit
No. of satellite programmes	64
Signal/noise level	> 35 dB/1 Vpp and antenna signal > 1mV
Crosstalk between sources	> 45 dB/5 MHz
Teletext	FLOF, TOP,5 alphabet,6 alphabet(E)
Teletext memory	4x50 page nos.
Station identification	Via Teletext/station naming
Speaker system	2x Bass Reflex
Speaker units	Full range 2x10 cm - 4"
Long-term max. output power	2x40 watts / 8 Ohms
Harmonic distortion	< 0.5% at 15 watts
Intermodulation	< 1%
Signal-to-noise ratio	> 50 dB weighted 50 mV(NICAM >70 dB)
Frequency range, audio	25 - 20,000Hz +/- 1.5 dB
Power bandwidth	25 - 20,000Hz
Bass control	+ / - 8 dB / 100 Hz
Treble control	+ / - 8 dB / 10,000 Hz
Power supply	220 - 240 volts
Power consumption	100 (75 - 165) watts

ABO – CENTER

V/ Henriksens Elektronik

Power consumption stand-by	3 watts
Dimensions W x H x D	86x52x46 cm
Weight	40 kg
Connections:	
AV Link	2x21-pin Euro -sockets
Super VHS	YC playback 4-pin socket
Audio Aux Link	7-pin socket
Power Link	2x8-pin sockets
External speakers	2x2-pin sockets
Motorized stand operation	4-pin socket
Aerial VHF - UHF	75 Ohms coaxial socket
Stereo headphones	Jack socket 6 mm
Link compatibility:	
DataLink	

ABO – CENTER

V/ Henriksens Elektronik

Tekniske data LS4500

TYPE:

36XX, 1990 - 1992

Specifications:	
CTV system	Multistandard B/G/L In GB version: only I
Picture tube system	Flat square, Hi-Bri, In-Line 110 degrees
Picture tube (visual picture)	63 cm - 25" (59 cm - 23")
Color system	Pal/Secam,NTSC A/V 4.43 MHz/3.58 MHz
Cabinet	Rosewood,white,black,red,grey,white line
Contrast screen	With metallized coating
Design	Wide format cabinet
Main features:	
Operation	Beolink 1000, one-way Prepared for two-way
Sound center balance	Between Beolab and beovision speakers
Provisional specifications:	
Sound system	Built-in Nicam EU+A2 stereo decoder Built-in Nicam EU+A2 dual language
TV tuner range	46-855 MHz: VHF,S,Hyper,UHF
Number of programmes	50
Satellite	Prepared for Beosat LM kit
No. of satellite programmes	64
Signal/noise level	> 35 dB/1 Vpp and antenna signal > 1mV
Crosstalk between sources	> 45 dB/5 MHz
Teletext	FLOF, TOP,5 alphabet,6 alphabet(E)
Teletext memory	4x50 page nos.
Station identification	Via Teletext/station naming
Speaker system	2x Bass Reflex
Speaker units	Full Range 2x7.5 cm - 3"
Crossover frequency	2500Hz
Long-term max. output power	2x40 watts / 8 Ohms
Harmonic distortion	< 0.5% at 15 watts
Intermodulation	< 1%
Signal-to-noise ratio	> 50 dB weighted 50 mV(NICAM >70 dB)
Frequency range, audio	25 - 20,000Hz +/- 1.5 dB
Power bandwidth	25 - 20,000Hz
Bass control	+ / - 8 dB / 100 Hz
Treble control	+ / - 8 dB / 10,000 Hz
Power supply	220 - 240 volts

ABO – CENTER

V/ Henriksens Elektronik

Power consumption	100 (75 - 165) watts
Power consumption stand-by	3 watts
Dimensions W x H x D	77,5x47,5x42,5 cm
Weight	32,6 kg
Connections:	
AV Link	2x21-pin Euro -sockets
Super VHS	YC playback 4-pin socket
Audio Aux Link	7-pin socket
Power Link	2x8-pin sockets
External speakers	2x2-pin sockets
Motorized stand operation	4-pin socket
Aerial VHF - UHF	75 Ohms coaxial socket
Stereo headphones	Jack socket 6 mm
Link compatibility:	
DataLink	

ABO – CENTER

V/ Henriksens Elektronik

Tekniske data LS5500

TYPE:

36XX, 1990 - 1992

Specifications:	
CTV system	Multistandard B/G/L In GB version: only I
Picture tube system	Flat square, Hi-Bri, In-Line 110 degrees
Picture tube (visual picture)	70 cm - 28"(66cm-26")
Color system	Pal/Secam,NTSC A/V 4.43 MHz/3.58 MHz
Cabinet	Rosewood,white,black,red,grey,white line
Contrast screen	With metallized coating
Design	Wide format cabinet
Main features:	
Operation	Beolink 1000, one-way Prepared for two-way
Sound center balance	Between Beolab and beovision speakers
Provisional specifications:	
Sound system	Built-in Nicam EU+A2 stereo decoder Built-in Nicam EU+A2 dual language
TV tuner range	46-855 MHz: VHF,S,Hyper,UHF
Number of programmes	50
Satellite	Prepared for Beosat LM kit
No. of satellite programmes	64
Signal/noise level	> 35 dB/1 Vpp and antenna signal > 1mV
Crosstalk between sources	> 45 dB/5 MHz
Teletext	FLOF, TOP,5 alphabet,6 alphabet(E)
Teletext memory	4x50 page nos.
Station identification	Via Teletext/station naming
Speaker system	2x Bass Reflex
Speaker units	Full Range 2x10 cm - 4"
Crossover frequency	2500Hz
Long-term max. output power	2x40 watts / 8 Ohms
Harmonic distortion	< 0.5% at 15 watts
Intermodulation	< 1%
Signal-to-noise ratio	> 50 dB weighted 50 mV(NICAM >70 dB)
Frequency range, audio	25 - 20,000Hz +/- 1.5 dB
Power bandwidth	25 - 20,000Hz
Bass control	+ / - 8 dB / 100 Hz
Treble control	+ / - 8 dB / 10,000 Hz
Power supply	220 - 240 volts

ABO – CENTER

V/ Henriksens Elektronik

Power consumption	100 (75 - 165) watts
Power consumption stand-by	3 watts
Dimensions W x H x D	86x52x46 cm
Weight	43 kg
Connections:	
AV Link	2x21-pin Euro -sockets
Super VHS	YC playback 4-pin socket
Audio Aux Link	7-pin socket
Power Link	2x8-pin sockets
External speakers	2x2-pin sockets
Motorized stand operation	4-pin socket
Aerial VHF - UHF	75 Ohms coaxial socket
Stereo headphones	Jack socket 6 mm
Link compatibility:	
DataLink	

ABO – CENTER

V/ Henriksens Elektronik

Tekniske data LX4500

TYPE:

39XX, 1990 - 1992

Specifications:	
CTV system	Multistandard B/G/L In GB version: only I
Picture tube system	Flat square, Hi-Bri, In-Line 110 degrees
Picture tube (visual picture)	63 cm - 25" (59 cm - 23")
Color system	Pal/Secam,NTSC A/V 4.43 MHz/3.58 MHz
Cabinet	Rosewood,white,black,red,grey,white line
Contrast screen	With metallized coating
Design	Wide format cabinet
Main features:	
Operation	Beolink 1000, one-way Prepared for two-way
Sound center balance	Between Beolab and beovision speakers
Provisional specifications:	
Sound system	Built-in Nicam EU+A2 stereo decoder Built-in Nicam EU+A2 dual language
TV tuner range	46-855 MHz: VHF,S,Hyper,UHF
Number of programmes	50
Satellite	Prepared for Beosat LM kit
No. of satellite programmes	64
Signal/noise level	> 35 dB/1 Vpp and antenna signal > 1mV
Crosstalk between sources	> 45 dB/5 MHz
Teletext	FLOF, TOP,5 alphabet,6 alphabet(E)
Teletext memory	4x50 page nos.
Station identification	Via Teletext/station naming
Speaker system	2x Bass Reflex
Speaker units	Woofer 2x7,5 cm - 3" Tweeter 2x5 cm - 2"
Crossover frequency	2500 Hz
Long-term max. output power	2x40 watts / 8 Ohms
Harmonic distortion	< 0.5% at 15 watts
Intermodulation	< 1%
Signal-to-noise ratio	> 50 dB weighted 50 mV(NICAM >70 dB)
Frequency range, audio	25 - 20,000Hz +/- 1.5 dB
Power bandwidth	25 - 20,000Hz
Bass control	+ / - 8 dB / 100 Hz
Treble control	+ / - 8 dB / 10,000 Hz

ABO – CENTER

V/ Henriksens Elektronik

Power supply	220 - 240 volts
Power consumption	100 (75 - 165) watts
Power consumption stand-by	3 watts
Dimensions W x H x D	77.5x47.5x42.5 cm
Weight	32.6 kg
Connections:	
AV Link	2x21-pin Euro -sockets
Super VHS	YC playback 4-pin socket
Audio Aux Link	7-pin socket
Power Link	2x8-pin sockets
External speakers	2x2-pin sockets
Motorized stand operation	4-pin socket
Aerial VHF - UHF	75 Ohms coaxial socket
Stereo headphones	Jack socket 6 mm
Link compatibility:	
DataLink	

ABO – CENTER

V/ Henriksens Elektronik

Tekniske data LX5500

TYPE:

39XX, 1990 - 1992

Specifications:	
CTV system	Multistandard B/G/L In GB version: only I
Picture tube system	Flat square, Hi-Bri, In-Line 110 degrees
Picture tube (visual picture)	70 cm - 28"(66cm-26")
Color system	Pal/Secam,NTSC A/V 4.43 MHz/3.58 MHz
Cabinet	Rosewood,white,black,red,grey,white line
Contrast screen	With metallized coating
Design	Wide format cabinet
Main features:	
Operation	Beolink 1000, one-way Prepared for two-way
Sound center balance	Between Beolab and beovision speakers
Provisional specifications:	
Sound system	Built-in Nicam EU+A2 stereo decoder Built-in Nicam EU+A2 dual language
TV tuner range	46-855 MHz: VHF,S,Hyper,UHF
Number of programmes	50
Satellite	Prepared for Beosat LM kit
No. of satellite programmes	64
Signal/noise level	> 35 dB/1 Vpp and antenna signal > 1mV
Crosstalk between sources	> 45 dB/5 MHz
Teletext	FLOF, TOP,5 alphabet,6 alphabet(E)
Teletext memory	4x50 page nos.
Station identification	Via Teletext/station naming
Speaker system	2x Bass Reflex
Speaker units	Woofer 2x10 cm - 4" Tweeter 2x5cm - 2"
Crossover frequency	2500Hz
Long-term max. output power	2x40 watts / 8 Ohms
Harmonic distortion	< 0.5% at 15 watts
Intermodulation	< 1%
Signal-to-noise ratio	> 50 dB weighted 50 mV(NICAM >70 dB)
Frequency range, audio	25 - 20,000Hz +/- 1.5 dB
Power bandwidth	25 - 20,000Hz
Bass control	+ / - 8 dB / 100 Hz
Treble control	+ / - 8 dB / 10,000 Hz

ABO – CENTER

V/ Henriksens Elektronik

Power supply	220 - 240 volts
Power consumption	100 (75 - 165) watts
Power consumption stand-by	3 watts
Dimensions W x H x D	86x52x46 cm
Weight	43 kg
Connections:	
AV Link	2x21-pin Euro -sockets
Super VHS	YC playback 4-pin socket
Audio Aux Link	7-pin socket
Power Link	2x8-pin sockets
External speakers	2x2-pin sockets
Motorized stand operation	4-pin socket
Aerial VHF - UHF	75 Ohms coaxial socket
Stereo headphones	Jack socket 6 mm
Link compatibility:	
DataLink	

ABO – CENTER

V/ Henriksens Elektronik

Tekniske data MX3500

TYPE:

31XX, 1990 - 1992

Specifications:	
CTV system	Multistandard B/G/L In GB version: only I
Picture tube system	Flat square, Hi-Bri, In-Line 110 degrees
Picture tube (visual picture)	55 cm - 21" (51 cm - 20")
Color system	Pal/Secam,NTSC A/V 4.43 MHz/3.58 MHz
Cabinet	White,black,red,grey,blue
Contrast screen	With metallized coating
Design	High format cabinet
Main features:	
Operation	Beolink 1000, one-way Prepared for two-way
Sound center balance	Between Beolab and beovision speakers
Provisional specifications:	
Sound system	Built-in Nicam EU+A2 stereo decoder Built-in Nicam EU+A2 dual language
TV tuner range	46-855 MHz: VHF,S,Hyper,UHF
Number of programmes	50
Satellite	Prepared for Beosat LM kit
No. of satellite programmes	64
Signal/noise level	> 35 dB/1 Vpp and antenna signal > 1mV
Crosstalk between sources	> 45 dB/5 MHz
Teletext	FLOF, TOP,5 alphabet,6 alphabet(E)
Teletext memory	4x50 page nos.
Station identification	Via Teletext/station naming
Speaker system	2x Log Line
Speaker units	Full range 2x7.5 cm - 3"
Long-term max. output power	2x40 watts / 8 Ohms
Harmonic distortion	< 0.5% at 15 watts
Intermodulation	< 1%
Signal-to-noise ratio	> 50 dB weighted 50 mV(NICAM >70 dB)
Frequency range, audio	25 - 20,000Hz +/- 1.5 dB
Power bandwidth	25 - 20,000Hz
Bass control	+ / - 8 dB / 100 Hz
Treble control	+ / - 8 dB / 10,000 Hz
Power supply	220 - 240 volts
Power consumption	100 (75 - 165) watts

ABO – CENTER

V/ Henriksens Elektronik

Power consumption stand-by	3 watts
Dimensions W x H x D	51x55x41.5 cm
Weight	23 kg
Connections:	
AV Link	2x21-pin Euro -sockets
Super VHS	YC playback 4-pin socket
Audio Aux Link	7-pin socket
Power Link	2x8-pin sockets
External speakers	2x2-pin sockets
Motorized stand operation	4-pin socket
Aerial VHF - UHF	75 Ohms coaxial socket
Stereo headphones	Jack socket 6 mm
Link compatibility:	
DataLink	

ABO – CENTER

V/ Henriksens Elektronik

Tekniske data MX5500

TYPE:

32XX, 1990 - 1992

Specifications:	
CTV system	Multistandard B/G/L In GB version: only I
Picture tube system	Flat square, Hi-Bri, In-Line 110 degrees
Picture tube (visual picture)	70 cm - 28"(66cm-26")
Color system	Pal/Secam,NTSC A/V 4.43 MHz/3.58 MHz
Cabinet	White,black,red,grey,blue
Contrast screen	With metallized coating
Design	High format cabinet
Main features:	
Operation	Beolink 1000, one-way Prepared for two-way
Sound center balance	Between Beolab and beovision speakers
Provisional specifications:	
Sound system	Built-in Nicam EU+A2 stereo decoder Built-in Nicam EU+A2 dual language
TV tuner range	46-855 MHz: VHF,S,Hyper,UHF
Number of programmes	50
Satellite	Prepared for Beosat LM kit
No. of satellite programmes	64
Signal/noise level	> 35 dB/1 Vpp and antenna signal > 1mV
Crosstalk between sources	> 45 dB/5 MHz
Teletext	FLOF, TOP,5 alphabet,6 alphabet(E)
Teletext memory	4x50 page nos.
Station identification	Via Teletext/station naming
Speaker system	2x Log Line
Speaker units	Full range 2x7.5 cm - 3"
Long-term max. output power	2x40 watts / 8 Ohms
Harmonic distortion	< 0.5% at 15 watts
Intermodulation	< 1%
Signal-to-noise ratio	> 50 dB weighted 50 mV(NICAM >70 dB)
Frequency range, audio	25 - 20,000Hz +/- 1.5 dB
Power bandwidth	25 - 20,000Hz
Bass control	+ / - 8 dB / 100 Hz
Treble control	+ / - 8 dB / 10,000 Hz
Power supply	220 - 240 volts
Power consumption	100 (75 - 165) watts

ABO – CENTER

V/ Henriksens Elektronik

Power consumption stand-by	3 watts
Dimensions W x H x D	54.5x66x45 cm
Weight	42 kg
Connections:	
AV Link	2x21-pin Euro -sockets
Super VHS	YC playback 4-pin socket
Audio Aux Link	7-pin socket
Power Link	2x8-pin sockets
External speakers	2x2-pin sockets
Motorized stand operation	4-pin socket
Aerial VHF - UHF	75 Ohms coaxial socket
Stereo headphones	Jack socket 6 mm
Link compatibility:	
DataLink	

ABO - CENTER v/Henriksens Elektronik