

Замена Тюнеров на KSH

ALPS

Type	Description	100% substitution	Differences
TEKE 1	VST, UHF, B/G, 9V, 69.9 x 37		
TELE 1	VST, UHF, B/G, 9V, 55 x 37		
TEKE 4	VST, Hyperband, B/G, 9V, 69.9 x 37		
TELE 4	VST, Hyperband, B/G, 9V, 55 x 37		
TEKE 9	PLL, Hyperband, B/G, 9V, 69.9 x 37		
TELE 9	PLL, Hyperband, B/G, 9V, 55 x 37		
TELE 4 -021A	VST, WSP, 9V, asymm. output	KS-H-123 EA	The height slightly bigger
TEDB 7	PLL, UHF, B/G, asymm. output, World standard		
TEDE 9 -004A	PLL, WSP, Hyperband, B/G, asymm. output, no ADC	KS-H-140 EA KS-H-142 EA KS-H-146 EA	
TEDE 9 -203A	PLL, WSP, asymm. output, no ADC	KS-H-140 EA	
TEDE 9 -226A	PLL, WSP, symm. output, no ADC	KS-H-146 E	
TELE 4 -072A	VST, lower WSP, asymm. output	KS-H-133 EA	The height slightly bigger
TELE 9 -117A	PLL, lower WSP, Hyperband, B/G, asymm. output	KS-H-142 EA KS-H-146 EA	The height slightly bigger

DAEWOO

Type	Description	100% substitution	Differences
VTSA 1SZ3D	VST, cable channels, B/G, asymmetrical output	KS-H-791 EAP	
VTSA 101Z	VST, cable channels, D/K, asymmetrical output	KS-H-791 OAP	
DT2-BV08P	VST, cable channels, B/G, asymmetrical output	KS-H-781 EA	
DT5-BF-14D	PLL, hyperband, B/G, asymm. output, World standard	KS-H-140 EA KS-H-142 EA KS-H-146 EA	

GOLDEN DGAGOON

Type	Description	100% substitution	Differences
ET-3C1-EV	VST, cable freq. ranges, B/G, asymmetrical output	KS-H-791 EA	
ET-3D1-EW	VST, hyperband, B/G, asymmetrical output	KS-H-791 EA	
EVIT – 3K2		KS-H-133	
EWT-9V3K1-CE01W	VST, WSP, 9 V, B/G & D/K	KS-H-123	
EWT-5V3K2-E01W	VST, hyperband, World standard, B/G – D/K	KS-H-133 E/O	
EWT-5F3K2-EW	PLL, hyperband, World standard, Protocol = UV 1316	KS-H-140 EA	
EWT-5F3L1-EW	PLL, hyperband, B/G, asymm. output, World standard	KS-H-140 EA	
EWT-5F3LB2-ER18W	PLL, hyperband, B/G, symm. output, World standard, ADC		
EWT-5F3N2-R32FW	PLL, hyperband, D/K, symm. output, World standard, no ADC	KS-H-140 O	

PHILIPS

Type	Description	100% substitution	Differences
UV 617	VST tuning, C.C.I.R, cable frequency ranges, symmetrical output		KS-H-93-EL - smaller dimentions, long IEC connector
UV 618	With frequency divider, C.C.I.R, cable frequency ranges, symmetrical output		
UV 815	VST tuning, C.C.I.R, hyperband, symmetrical output		KS-H-93-EL - smaller dimentions, long IEC connector
UV 816/PLL	PLL tuning, C.C.I.R, hyperband, symmetrical output		KS-H-93-EL - smaller dimentions, long IEC connector
UV 816/6456	With frequency divider, C.C.I.R, hyperband, symmetrical output		
UV 913	VST tuning, C.C.I.R, hyperband, asymmetrical output, phono input	<u>KS-H-951 EAP</u>	
UV 913 /IEC	VST tuning, C.C.I.R, hyperband, asymmetrical output	<u>KS-H-951 EA</u>	
UV 914	PLL tuning, C.C.I.R, hyperband, asymmetrical output, phono input		
UV 914 /IEC	PLL tuning, C.C.I.R, hyperband, asymmetrical output		
UV 915 E	VST tuning, C.C.I.R, hyperband, asymmetrical output, phono input	<u>KS-H-951 EAP</u>	
UV 915 E/IEC	VST tuning, C.C.I.R, hyperband, asymmetrical output	<u>KS-H-951 EA</u>	
UV 916 E/PLL	PLL tuning, C.C.I.R, hyperband, asymmetrical output, phono input	<u>KS-H-961 EAP</u>	
UV 916 E/PLL/IEC	PLL tuning, C.C.I.R, hyperband, asymmetrical output	<u>KS-H-961 EA</u>	
UV 916 H/IEC	PLL tuning, C.C.I.R, hyperband, symmetrical output	<u>KS-H-961 E</u>	
UV 917/IEC	VST tuning, C.C.I.R, cable frequency ranges, asymmetrical output	<u>KS-H-951 EA</u>	Hyperband
UV 917/IEC-L	VST tuning, C.C.I.R, cable frequency ranges, asymmetrical output, long IEC connector	<u>KS-H-951 EAL</u>	Hyperband
UV 917/PH	VST tuning, C.C.I.R, cable frequency ranges, asymmetrical output, phono input	<u>KS-H-951 EAP</u>	Hyperband
U 943 C	VST tuning, C.C.I.R, UHF only, asymmetrical output, phono input	<u>KS-D-951 EAP</u>	Available on special request
U 943 (IEC)C	VST tuning, C.C.I.R, UHF only, asymmetrical output	<u>KS-D-951 EA</u>	Available on special request
U 944 C	PLL tuning, C.C.I.R, UHF only, asymmetrical output, phono input	<u>KS-D-961 EAP</u>	Available on special request
U 944 (IEC)C	PLL tuning, C.C.I.R, UHF only, asymmetrical output	<u>KS-D-961 EA</u>	Available on special request
UV 953	VST tuning, O.I.R.T, off air channels only, asymmetrical output, phono input	<u>KS-H-951 OAP</u>	Hyperband
UV 953/IEC	VST tuning, O.I.R.T, off air channels only, asymmetrical output	<u>KS-H-951 OA</u>	Hyperband
UV 954	PLL tuning, O.I.R.T, off air channels only, asymmetrical output, phono input	<u>KS-H-961 OAP</u>	Hyperband
UV 954/IEC	PLL tuning, O.I.R.T, off air channels only, asymmetrical output	<u>KS-H-961 OA</u>	Hyperband
UV 963	VST tuning, C.C.I.R, off air channels only, asymmetrical output, phono input	<u>KS-H-951 EAP</u>	Hyperband
UV 963/IEC	VST tuning, C.C.I.R, off air channels only, asymmetrical output	<u>KS-H-951 EA</u>	Hyperband
UV 963/L	VST tuning, C.C.I.R, off air channels only, asymmetrical output, long IEC connector	<u>KS-H-951 EAL</u>	Hyperband
UV 964	PLL tuning, C.C.I.R, off air channels only, asymmetrical output, phono input	<u>KS-H-961 EAP</u>	Hyperband
UV 964/IEC	PLL tuning, C.C.I.R, off air channels only, asymmetrical output	<u>KS-H-961 EA</u>	Hyperband
UV 964/L	PLL tuning, C.C.I.R, off air channels only, asymmetrical output, long IEC connector	<u>KS-H-96 EAL</u>	Hyperband
UV 1315 (S)/I	VST tuning, C.C.I.R, hyperband, symmetrical output	<u>KS-H-133 E</u>	
UV 1315 AS/I	VST tuning, C.C.I.R, hyperband, asymmetrical output	<u>KS-H-133 EA</u>	
UV 1316/SIA2	PLL tuning, C.C.I.R, hyperband, symmetrical output	<u>KS-H-144 E</u> <u>KS-H-148 E</u>	

UV 1316 MK3	PLL tuning, C.C.I.R, hyperband, asymmetrical output, digital AGC		
UV 1316 T	PLL tuning, C.C.I.R, hyperband, asymmetrical output, with antenna splitter		
UV 1317 AS/I	VST tuning, C.C.I.R, cable frequency ranges, asymmetrical output	KS-H-133 E	Hyperband
U 1343/S	VST tuning, C.C.I.R, UHF only, symmetrical output	KS-D-133 E	Available on special request
U 1343/A	VST tuning, C.C.I.R, UHF only, asymmetrical output	KS-D-133 EA	Available on special request
U 1344/SI	PLL tuning, C.C.I.R, UHF only, symmetrical output	KS-D-144 E KS-D-148 E	Available on special request
U 1344/AI	PLL tuning, C.C.I.R, UHF only, asymmetrical output	KS-D-144 EA KS-D-148 EA	Available on special request
U 1353	VST tuning, O.I.R.T, off-air, asymmetrical output	KS-H-133 OA	Hyperband
U 1354	PLL tuning, O.I.R.T, off-air, symmetrical output		
U 1355 AS/I	VST tuning, C.C.I.R/O.I.R.T, hyperband, IEC input	KS-H-133 E/O	
U 1355 AS/PH	VST tuning, C.C.I.R/O.I.R.T, hyperband, phono input	KS-H-133 E/OP	

Samsung

Type	Description	100% substitution	Differences
ECC 0883 JE	VST, cable, CCIR, asymmetrical output	KS-H-781 EA	
ECC 2883 JE	VST, cable, CCIR, asymmetrical output	KS-H-781 EA	
ECC 6883 JE.D	VST, cable, OIRT, asymmetrical output	KS-H-781 OA	
TECC 0985 VA 14A	VST, CCIR, cable, asymmetrical output	KS-H-781 EA	
TECC 2989 VA 15A	VST, hyperband, CCIR, symmetrical output	KS-H-781 EA	
TECC 2989 VA 15B	PLL, CCIR, 90 - series	KS-H-781 E	
TECC 2989 PA 13A	PLL, CCIR, 90 - series		
TECC 2989 VA 19A	PLL, 90 - series	KS-H-951 E	
TECC 2989 PA 19A	VST, hyperband, CCIR, asymm. output, with AFT		
TECC 0985 VD 28A	VST, hyperband, CCIR, asymm. output, World standard		
TECC 0989 VD 28A	VST, hyperband, CCIR, asymm. output, World standard	KS-H-123 EA	
TECC 2989 VD 28A	VST, hyperband, CCIR, asymm. output, World standard	KS-H-123 EA	
TECC 2949 VG 28V	VST, hyperband, B/G, World standard	KS-H-133 E	
TECC 2949 PG 28B	PLL, hyperband, B/G, World standard		
TECC xxx9 PG 29D	PLL, hyperband, B/G, asymm. output, World standard	KS-H-140 EA	
TECC xxx9 PG 35A	PLL, hyperband, B/G, asymm. output, World standard	KS-H-140 EA KS-H-142 EA KS-H-146 EA	
TECC xxx9 PG 35B	PLL, hyperband, B/G, symm. output, World standard	KS-H-140 E	

SIEL

Type	Description	100% substitution	Differencies
F 2077 /04-A (PT042)	VST, cable, B/G, symm. output, IEC connector 14,5 mm	KS-H-951 E	Hyperband
F 2078 /04-A (PT042)	VST, cable, B/G, symm. output, IEC connector 33 mm	KS-H-951 EL	Hyperband
F 2077 /04-A (PT054)	VST, cable, B/G, asymm. output, IEC connector 14,5 mm	KS-H-951 EA	Hyperband
F 2078 /04-A (PT054)	VST, cable, B/G, asymm. output, IEC connector 33 mm	KS-H-951 EAL	Hyperband
F 2070 /04-A (PT058)	VST, cable, B/G, symm. output, IEC connector 14,5 mm, with passive splitter		
FAL 2163/84 (PT061)	VST, cable, B/G, symm. output, IEC connector 14,5 mm, with active splitter		
F 2170 /05-A (PT052)	VST, UHF, B/G, asymm. output, IEC connector 33 mm	KS-D-951 EAL	Available on special request
F 2170 - B (PT063)	VST, UHF, B/G, symm. output, IEC connector 33 mm	KS-D-951 EL	
FL 2170 /85 (PT053)	PLL, UHF, B/G, asymm. output, IEC connector 33 mm	KS-D-961 EAL	Available on special request
F 2178 /04-A (PT057)	VST, UHF, B/G, symm. output, IEC connector 33 mm	KS-D-951 EL	
FL 2170 - A (PT062)	PLL, UHF, B/G, symm. output, IEC connector 33 mm	KS-D-961 EL	Available on special request
FL 2477 /84 (PT043)	PLL, hyperband, B/G, symm. output, IEC connector 14.5 mm	KS-H-961 E	
FL 2478 /84 (PT043)	PLL, hyperband, B/G, symm. output, IEC connector 33 mm	KS-H-961 EL	
F 2477 /84 (PT044)	VST, hyperband, B/G, symm. output, IEC connector 14.5 mm	KS-H-951 E	
F 2478 /84 (PT044)	VST, hyperband, B/G, symm. output, IEC connector 33 mm	KS-H-951 EL	
FL 2477 /84 (PT055)	PLL, hyperband, B/G, asymm. output, IEC connector 14.5 mm	KS-H-961 EA	
FL 2478 /84 (PT055)	PLL, hyperband, B/G, asymm. output, IEC connector 33 mm	KS-H-961 EAL	
FDL 2473 /84 A (PT059)	PLL, hyperband, B/G, asymm. output, IEC connector 14.5 mm, with passive splitter		
FL 2477 /74 A (PT074)	PLL, hyperband, B/G, symm. output, IEC connector 14.5 mm	KS-H-921 E	Or KS-H-941 E
FL 2478 /74 A (PT074)	PLL, hyperband, B/G, symm. output, IEC connector 33 mm	KS-H-921 EL	Or KS-H-941 EL
EL 2787 /84 (PT060)	PLL, hyperband, B/G, symm. output, IEC connector 14.5 mm		Analog UV 1316
E 2787 /04 (PT068)	VST, hyperband, B/G, symm. output, IEC connector 14.5 mm	KS-H-133 E	
E 2787 /05 (PT068)	VST, hyperband, B/G, asymm. output, IEC connector 14.5 mm	KS-H-133 EA	

SONY

Type	Description	100% substitution	Differencies
BTP-EC 411		KS-H-961 EA	Better voltage gain by 10dB
BTP-AC 17A		KS-H-140E	
BTP-AC 411		KS-H-140EA	
BTP-AC 401/402	PLL, hyperband	KS-H-140EA KS-H-142EA KS-H-146EA	

TEMIC

Type	Description	100% substitution	Differencies
2000 KHC	VST, hyperband, B/G/H, symm. output	<u>KS-H-951 E</u>	
2010 KYC	VST, hyperband, D/K, symm. output	<u>KS-H-951 O</u>	
2002 PHC	PLL, hyperband, B/G/H, symm. output	<u>KS-H-941 E</u>	
2012 PYC	PLL, hyperband, D/K, symm. output	<u>KS-H-941 O</u>	
2201 PHC	PLL, hyperband, B/G/H, symm. output, 60 series		
2202 PHC	PLL, hyperband, B/G/H, symm. output	<u>KS-H-941 E</u>	
2700 KKC	VST, cable, B/G, asymm. output	<u>KS-H-791 EA</u>	
2900 KKC	VST, cable, B/G, asymm. output	<u>KS-H-791 EA</u>	
2903 KKC	VST, cable, B/G, symm. output	<u>KS-H-791 E</u>	
2910 KYC	VST, cable, D/K, asymm. output	<u>KS-H-791 OA</u>	
2913 KYC	VST, cable, D/K, symm. output	<u>KS-H-791 O</u>	
3010 UEC	VST, UHF, I(UK), symm. output	<u>KS-D-951 E</u>	
3200 PEC	PLL, UHF, I(UK), asymm. output		
3210 PEC	PLL, UHF, I(UK), symm. output	<u>KS-D-941 E</u>	Available on special request
3300 KHC	VST, hyperband, B/G, asymm. output	<u>KS-H-791 EA</u>	
3303 KHC	VST, hyperband, B/G, symm. output	<u>KS-H-791 E</u>	
3310 KYC	VST, hyperband, D/K, asymm. output	<u>KS-H-791 OA</u>	
3313 KYC	VST, hyperband, B/G, symm. output	<u>KS-H-791 E</u>	
3400 KHC	VST, hyperband, B/G, symm. output	<u>KS-H-951 E</u>	
3402 PHC	PLL, hyperband, B/G, symm. output	<u>KS-H-941 E</u>	
3410 KYC	VST, hyperband, D/K, symm. output	<u>KS-H-951 O</u>	
3412 PYC	PLL, hyperband, D/K, symm. output	<u>KS-H-941 O</u>	
3460 KYC	VST, UHF, I(UK), symm. output	<u>KS-D-951 E</u>	
3462 UEC	PLL, UHF, I(UK), symm. output	<u>KS-D-941 E</u>	
5000 KH5	VST, hyperband, B/G, symm. output, World standard	<u>KS-H-133 E</u>	
5002 PH5	PLL, hyperband, B/G, symm. output, World standard	<u>KS-H-132 E</u>	
5010 KY5	VST, hyperband, D/K, symm. output, World standard	<u>KS-H-133 O</u>	
5012 PY5	PLL, hyperband, D/K, symm. output, World standard	<u>KS-H-132 O</u>	
5060 UE5	VST, UHF, I(UK), symm. output, World standard	<u>KS-D-133 E</u>	
5062 UE5	PLL, UHF, I(UK), symm. output, World standard	<u>KS-D-132 E</u>	
6000 KH5	VST, hyperband, B/G, symm. output, World standard, compact size	<u>KS-H-133 E</u>	The height 47 mm instead of 40 mm
6002 PH5	PLL, hyperband, B/G, symm. output, World standard, compact size		
6010 KY5	VST, hyperband, D/K, symm. output, World standard, compact size	<u>KS-H-133 O</u>	The height 47 mm instead of 40 mm
6012 PY5	PLL, hyperband, D/K, symm. output, World standard, compact size		KS-H-132 O, - different band switching channels
6060 UE5	VST, UHF, I(UK), symm. output, World standard, compact size	<u>KS-D-133 E</u>	The height 47 mm instead of 40 mm

Type	Description	100% substitution	Differences
MTX 4	VST, hyperband, D/K, symm. output, 60-series		KS-H-951 OL - smaller dimentions, long IEC connector
MTX 4045	VST, hyperband, D/K, asymm. output, 70-series	KS-H-782 EA	
HTV 201	VST, hyperband, D/K, symm. output, 90-series	KS-H-951 O	
HTV 221 S	VST, hyperband, D/K, symm. output, 90-series, long IEC	KS-H-951 OL	
HTP 201	PLL, hyperband, D/K, symm. output, 90-series	KS-H-961 O	
HTP 221 S	PLL, hyperband, D/K, symm. output, 90-series, long IEC	KS-H-961 OL	
CTT 5045	VST, hyperband, B/G, symm. output, World standard	KS-H-133 E	
CTT 5020 N	PLL, hyperband, B/G, symm. output, World standard	KS-H-140 E	

