

Material info.

Model name	Kabel HD Nano
Part number	20007-00811
Description	Q-GUIDE/KABELHDNANO/100DE
Manufacturer	TINTA / Poland
Designer	SH SON

Design Spec.

Paper	Recycled paper (Cover:130gsm, Contents: 70gsm)
Color	2 Colors (C,K)
Coating	Uncoated
Size (W x H)	110 x 140 mm
Binding	Saddle Stitch
Language	German

Kurzanleitung

Digitaler HD Kabel Receiver

Kabel HD Nano

Das voreingestellte Passwort lautet 0000.

Hinweis

Vielen Dank, dass Sie sich für ein Gerät von HUMAX entschieden haben. Lesen Sie diese Bedienungsanleitung aufmerksam durch, damit eine korrekte Installation, Verwendung und Pflege und somit eine optimale Leistung des Geräts gewährleistet ist. Bewahren Sie diese Bedienungsanleitung zum späteren Nachschlagen in der Nähe des Geräts auf. Änderungen der in dieser Bedienungsanleitung enthaltenen Informationen sind vorbehalten.

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Dieses Gerät darf am Ende seiner Betriebszeit nicht zusammen mit dem Hausmüll entsorgt werden. Entsorgen Sie es getrennt von anderen Müllarten und lassen Sie es verantwortungsbewusst recyceln, damit die Materialressourcen nachhaltig wiederverwendet werden können. Dies schützt Ihre Umwelt und Gesundheit vor möglichen Schäden, die durch unkontrollierte Müllentsorgung hervorgerufen werden könnten.



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Hinweis: Die Modellbezeichnung finden Sie auf der Unterseite des Geräts.

EU-Konformitätserklärung

Hiermit erklärt HUMAX Co. Ltd., dass dieses Gerät Kabel HD Nano den geltenden CE-Richtlinien entspricht.





Dieses Produkt trägt das CE-Kennzeichen.



Der vollständige Text der EU-Konformitätserklärung ist unter folgender Webadresse abrufbar:

- Vereinigtes Königreich: <http://uk.humaxdigital.com/ec>
- Deutschland: <http://de.humaxdigital.com/ec>

Geräteklassen

	Doppelt isoliertes Gerät der Klasse II (IEC 60417-5172). Keine Erdverbindung erforderlich.
	Nur für den Innengebrauch (IEC 60417-5957).
	Gleichstrom (IEC 60417-5031).
	Stand by (IEC 60417-5009).

Für Ihre Sicherheit

Sicherheitshinweise

1. STROMVERSORGUNG

- Betreiben Sie dieses Gerät nur an einer Stromquelle mit der auf dem Typenschild angegebenen Netzspannung. Falls Sie nicht sicher sind, welche Stromversorgung bei Ihnen vorliegt, wenden Sie sich an Ihr Energieversorgungsunternehmen.
- Trennen Sie das Gerät von der Netzstromversorgung, bevor Sie Wartungs- oder Installationsarbeiten durchführen.

2. ÜBERLASTUNG

- Stellen Sie sicher, dass Steckdose, Verlängerungskabel und Adapter entsprechend der für das Gerät geltenden Netzspannung ausgelegt sind. Andernfalls können ein elektrischer Schlag oder ein Brand die Folge sein.

3. FLÜSSIGKEITEN

- Stellen Sie sicher, dass das Gerät nicht mit Flüssigkeiten in Kontakt kommt. Stellen Sie keine mit Flüssigkeiten gefüllten Gefäße auf das Gerät.

4. REINIGUNG

- Ziehen Sie vor dem Reinigen des Geräts den Netzstecker aus der Steckdose.
- Reinigen Sie das Gerät mit einem feuchten Tuch. Verwenden Sie keine Lösungsmittel. Wischen Sie die Oberfläche des Geräts vorsichtig mit einem weichen Tuch ab, da sie leicht zerkratzen könnte.

5. BELÜFTUNG

- Stellen Sie sicher, dass die Belüftungsschlitze am Gerät nicht blockiert sind. Nur so kann eine ausreichende Belüftung des Geräts gewährleistet werden.
- Stellen Sie keine anderen elektronischen Geräte auf dieses Gerät.
- Stellen Sie keine Gegenstände auf das Gerät. Andernfalls könnten die Belüftungsschlitze blockiert oder die Geräteoberfläche beschädigt werden.
- Für eine ausreichende Belüftung, halten Sie bitte den Mindestabstand von 10 cm um das Produkt herum.

6. ZUBEHÖR

- Schließen Sie nur ausdrücklich dafür vorgesehene Zubehörteile an das Gerät an. Andernfalls kann es zu Gefährdungen oder Schäden am Gerät kommen.

7. GEWITTER UND BETRIEBSPAUSEN

- Trennen Sie bei Gewitter oder wenn das Gerät längere Zeit nicht in Gebrauch ist sowohl das Gerät von der Netzsteckdose als auch die Antenne vom Gerät. Dadurch wird eine Beschädigung des Geräts aufgrund von Blitzschlag oder Stromstößen verhindert.

8. FREMDKÖRPER

- Stecken Sie keine Gegenstände durch die Öffnungen ins Innere des Geräts, da sie gefährliche stromführende Teile berühren oder Bauteile beschädigen könnten.

9. ERSATZTEILE

- Stellen Sie sicher, dass ausschließlich vom Hersteller empfohlene Ersatzteile verwendet werden oder solche Teile, deren Bauart mit den Originalteilen identisch ist. Die Verwendung nicht geeigneter Ersatzteile kann weitere Schäden am Gerät verursachen.

10. ANSCHLUSS AN EINE KABELBUCHSE/ANTENNE

- Trennen Sie die Stromversorgung, bevor Sie das Kabel an den Kabelanschluss oder die Antenne anschließen bzw. von diesen abziehen. Andernfalls können Schäden an dem Kabelanschluss oder der Antenne die Folgen sein.

11. ANSCHLUSS AN DAS FERNSEHGERÄT

- Trennen Sie die Stromversorgung, bevor Sie das Kabel an das Fernsehgerät anschließen oder von diesem abziehen. Andernfalls können Schäden am Fernsehgerät die Folge sein.

12. AUFSTELLUNGORT

- Stellen Sie das Gerät nur in geschlossenen Räumen auf, um es vor Blitzschlag, Regen oder Sonneneinstrahlung zu schützen. Stellen Sie das Gerät nicht in der Nähe eines Heizkörpers oder eines Warmluftgebläses auf.
- Wir empfehlen, dass zwischen diesem Gerät und anderen Geräten, die durch elektromagnetische Strahlungen gestört werden können (z. B. Fernsehgerät oder Videorekorder), ein Abstand von mindestens 10 cm eingehalten wird.
- Wenn Sie das Gerät in ein Regal o. ä. stellen, sorgen Sie für ausreichende Belüftung und beachten Sie die Hinweise zur Aufstellung des Geräts.
- Stellen Sie das Gerät nicht auf einer instabilen Fläche auf, von der es herunterfallen könnte. Das Gerät könnte beim Herunterfallen Menschen ernsthaft verletzen und dabei selber schwer beschädigt werden.

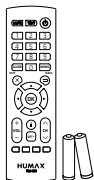
13. UMWELT

- Beachten Sie die für eine umweltgerechte Entsorgung von Batterien geltenden Vorschriften.
- Bei Verwendung dieses Geräts in tropischen und/oder gemäßigten Klimazonen ist Vorsicht geboten.

Vorsichtsmaßnahmen und Warnhinweise

- 1. So vermeiden Sie eine Beschädigung von Netzkabel oder Netzstecker:**
 - Verändern oder manipulieren Sie Netzkabel und Netzstecker nicht.
 - Verbiegen oder verdrehen Sie das Netzkabel nicht.
 - Wenn Sie das Gerät vom Netz trennen, ziehen Sie nicht am Netzkabel, sondern fassen Sie den Stecker an.
 - Achten Sie darauf, dass das Netzkabel so weit wie möglich von Heizgeräten entfernt ist, um zu verhindern, dass die Kunststoffumantelung schmilzt.
 - Der Netzstecker muss als Trennvorrichtung vom Benutzer jederzeit leicht erreicht werden können.
 - Der Netzschalter muss jederzeit erreichbar sein. (für Modelle mit Netzschalter)
- 2. So vermeiden Sie einen Stromschlag:**
 - Öffnen Sie niemals das Gehäuse.
 - Stecken Sie keine metallenen oder entflammaren Gegenstände in das Geräteinnere.
 - Berühren Sie den Netzstecker nicht mit nassen Händen.
 - Trennen Sie während eines Gewitters das Gerät vom Netz.
 - Ziehen Sie das Netzkabel ab, bevor Sie das Antennenkabel anschließen.
- 3. So vermeiden Sie Schäden am Gerät:**
 - Verwenden Sie das Gerät auf keinen Fall, wenn es defekt ist. Wenn Sie ein defektes Gerät weiter verwenden, kann es schweren Schaden nehmen. Wenden Sie sich im Falle eines defekten Geräts an das Kundendienstzentrum.
 - Stapeln Sie keine schwere Gegenstände auf das Gerät. Es kann Kratzer, Verformung und Verfärbung verursachen.

Mitgeliefertes Zubehör



Fernbedienung



Kurzanleitung



Antennenkabel
(3m)



HDMI-Kabel



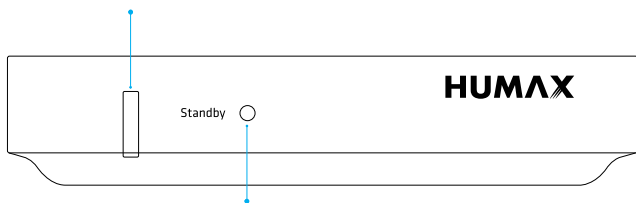
Netzteil

Hinweis: Die verfügbaren Zubehörteile können je nach Region unterschiedlich sein.

Vorder- und Rückseite

STANDBY Taste

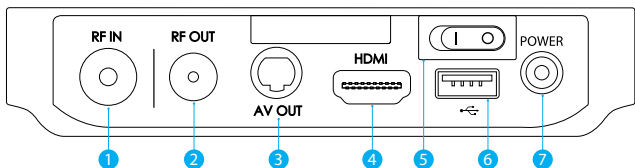
Hiermit wechseln Sie zwischen Normalbetrieb und Standby-Modus.



STANDBY-LED

Die Beleuchtungs-LED leuchtet rot, wenn sich das Gerät im Standby-Modus befindet.

Hinweis: Das angezeigte Bild stimmt möglicherweise nicht exakt mit dem tatsächlichen Gerät überein.

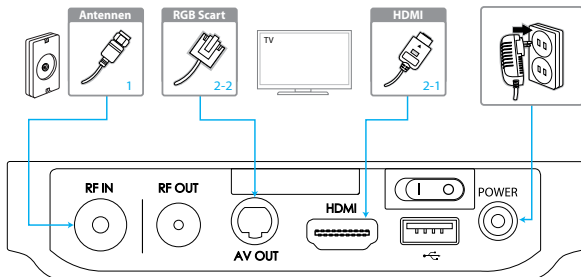


- 1 **RF IN:** Schließen Sie ein Antennenkabel an.
- 2 **RF OUT:** Verwenden Sie ein Antennenkabel, um eine Verbindung zum Fernsehgerät oder Videorecorder herzustellen.
- 3 **AV OUT:** Verwenden Sie ein RGB-SCART-Kabel, um eine Verbindung zu einem alten Fernsehgerät herzustellen.
- 4 **HDMI:** Zum Anschließen an das Fernsehgerät über ein HDMI-Kabel.
- 5 **Netzschalter:** Ein- oder Ausschalten.
- 6 **USB:** Zum Anschließen eines USB Speichergeräts.
- 7 **Netzteil:** Stellen Sie die Verbindung zur Stromversorgung über das Netzteil her.

Anschlussmöglichkeiten

In diesem Abschnitt wird beschrieben, wie Sie Ihren Receiver optimal mit anderen Geräten verbinden.

Warnung: Schließen Sie zunächst alle Geräte an, bevor Sie das Netzteil an die Steckdose anschließen. Schalten Sie dieses Gerät, das Fernsehgerät und alle sonstigen Geräte aus, ehe Sie Kabel anschließen oder abziehen.



Hinweis:

- Wenn beim Anschließen des Geräts Probleme auftreten, wenden Sie sich an Ihren Fachhändler oder an den HUMAX-Kundendienst.
- Wenn Sie das Fernsehgerät direkt an den HDMI-Ausgang des Geräts anschließen, erhalten Sie ein lebendigeres Bild und kommen in den Genuss von HD-Fernsehen.

Anschließen der Antenne

Verbinden Sie das HF-Kabel mit dem RF IN.

Anschließen des Fernsehgeräts

2-1 Über ein HDMI-Kabel

Die beste Bildqualität in HD (High Definition) erreichen Sie, wenn Sie das Fernsehgerät über ein HDMI-Kabel anschließen.

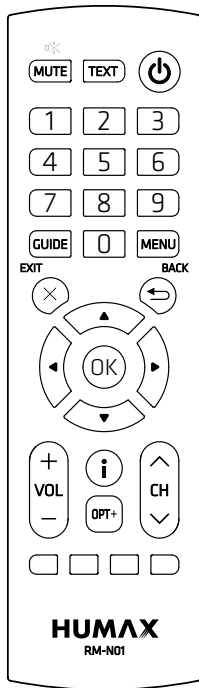
2-2 Verwenden eines RGB SCART-Kabels

Für Geräte ohne HDMI-Anschluss, verwenden Sie bitte ein RGB-SCART Kabel.

Einschalten des Geräts

1. Stecken Sie den Netzstecker des Geräts in eine Netzsteckdose.
2. Stellen Sie sicher, dass der Schalter auf der Rückseite des Geräts auf EIN geschaltet ist.
3. Schalten Sie das Gerät durch Drücken der Taste **STANDBY** auf der Fernbedienung oder durch Drücken der Taste **STANDBY** auf der Vorderseite des Geräts ein.

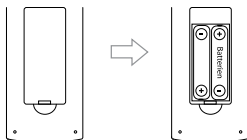
Fernbedienung



MUTE	Hiermit schalten Sie den Ton stumm.
TEXT	Hiermit rufen Sie den digitalen Videotext-Dienst auf.
Standby	Hiermit wechseln Sie zwischen dem Normalbetrieb und dem Standby-Betrieb.
ZIFFERTASTEN	(0-9)
GUIDE	Hiermit öffnen Sie den Programmführer.
MENU	Anzeigen des Hauptmenüs.
EXIT	Hiermit schließen Sie alle Fenster des Bildschirmmenüs (OSD).
BACK	Hiermit kehren Sie zum vorherigen Kanal oder Fenster zurück.
PFEILTASTEN	Hiermit bewegen Sie den Cursor nach oben, unten, links oder rechts.
OK	Auswählen eines Menüs oder Bestätigen.
VOL +/-	Hiermit passen Sie die Lautstärke an.
i	Anzeigen der Programminformationen.
OPT+	Hiermit rufen Sie die Optionsmenüs auf.
CH ^/v	Hiermit wechseln Sie den Kanal oder die Seite.
COLOUR Buttons	Hiermit navigieren Sie in interaktiven Anwendungen.

Einsetzen der Batterien

Setzen Sie die Batterien ein, und achten Sie dabei auf die richtige Polung (Plus (+) und Minus (-)).



Assistent

Der Installationsassistent wird automatisch gestartet, sobald Sie das Gerät zum ersten Mal eingeschaltet oder im Menü auf die Werkeinstellungen zurücksetzen.

Hinweis: Wenn Sie den Installationsassistenten vorzeitig abbrechen, stehen möglicherweise nicht alle Kanäle zur Verfügung. Wechseln Sie in diesem Fall zu **MENU > EINSTELLUNGEN > Installation** und suchen Sie nach weiteren verfügbaren Kanälen.

1. Sprache

Wählen Sie Ihre Sprache.

2. Anzeigen

Stellen Sie den Videoausgang für Ihr Fernsehgerät ein.

3. Kanalsuchlauf

Nachdem die Suche abgeschlossen ist, speichern Sie die gefundenen Kanäle ab.

4. Ergebnis

Das Ergebnis des Installationsassistenten wird angezeigt. Wählen Sie **Ende**, um den Installationsassistenten abzuschließen.

Softwareaktualisierung

1. Gehen Sie auf <https://www.humaxdigital.com/sw/kabel-hdnano.html>, um sich die neue Software herunterzuladen.
2. Prüfen Sie, ob die Softwareversion eine aktuellere, als die auf Ihrem Gerät installierte, ist.
3. Prüfen Sie, ob das Gerät ausgeschaltet ist.
4. Stecken Sie den USB Stick an der Rückseite des Gerätes ein.
5. Halten Sie die Standby-Taste an der Vorderseite gedrückt.
6. Sobald das Gerät die neue Software erkennt, wird diese automatisch aktualisiert. Während dem Update bitte das Gerät nicht ausschalten.
7. Starten Sie das System nach Abschluss der Softwareaktualisierung neu.

Fehlerbehebung

Lesen Sie die nachfolgenden Tipps aufmerksam durch, ehe Sie sich an Ihr nächstgelegenes Kundendienstzentrum wenden. Wenn das Problem auch nach Durchführung der folgenden Schritte bestehen bleibt, wenden Sie sich an Ihr HUMAX-Kundendienstzentrum, um sich weitere Anweisungen geben zu lassen.

1. Auf Ihrem Fernsehgerät wird kein Signal angezeigt

- Überprüfen Sie das Netzkabel, und stellen Sie sicher, dass es an eine geeignete Steckdose angeschlossen ist.
- Prüfen Sie, ob die Netzstromversorgung eingeschaltet ist.
- Schließen Sie das Netzkabel an eine andere Steckdose an.
- Prüfen Sie, ob der Netzwerkschalter an der Geräterückseite eingeschaltet ist.

2. Kein Bild

- Vergewissern Sie sich, dass das Gerät eingeschaltet ist und dass es sich im Betriebsmodus befindet. (Drücken Sie die STANDBY-Taste.)
- Vergewissern Sie sich, dass das AV-Kabel fest an das Fernsehgerät angeschlossen ist.
- Vergewissern Sie sich, dass das Antennenkabel richtig an das Gerät angeschlossen ist.
- Aktivieren Sie den Sendersuchlauf.
- Überprüfen Sie die Helligkeitseinstellung des Fernsehgeräts.
- Prüfen Sie, ob der Sender momentan ausgestrahlt wird. Wenden Sie sich an den Anbieter, um nachzufragen, ob der Sender derzeit aktiv ist.

3. Schlechte Bild- und Tonqualität

- Vergewissern Sie sich, dass sich kein Mobiltelefon oder Mikrowellenherd in der Nähe des Geräts befindet.
- Verlegen Sie das Strom- und das Koaxialkabel räumlich voneinander getrennt.

4. Kein Ton oder schlechte Tonqualität

- Prüfen Sie, ob das HDMI oder AV-Kabel richtig angeschlossen ist.
- Prüfen Sie, ob die Lautstärke des Fernsehgeräts und dieses Geräts richtig eingestellt sind.
- Prüfen Sie, ob der Ton an diesem Gerät oder am Fernsehgerät ausgeschaltet wurde.
- Prüfen Sie den Audiotyp oder die Soundtrack-Option (soweit zutreffend).

5. Die Fernbedienung funktioniert nicht

- Zur Steuerung des Geräts sollte die Oberseite der Fernbedienung direkt auf das Empfangsteil des Geräts zeigen.
- Entnehmen Sie die Batterien aus der Fernbedienung und setzen Sie sie wieder ein.
- Ersetzen Sie die alten Batterien der Fernbedienung durch neue.

6. Der Sendersuchlauf funktioniert nicht

- Vergewissern Sie sich vor Durchführung des Sendersuchlaufs, dass alle Kabel richtig angeschlossen sind.

7. Es wurden keine Passwortinformationen angegeben

- Das Standardpasswort lautet 0000.

Spezifikation

Tuner und Kanal	
Tuneranzahl	1
Eingangsstecker	IEC-60169-2 Female / Male
Frequenzbereich	RF-IN: 110MHz to 862MHz RF-OUT: 47MHz to 862MHz
Empfangspegel	-12 ~ +15dBmV @ 256-QAM
Demodulation	QAM (DVB-C), Compliant to EN 300 429
Eingangssymbolrate	4~7 Msps
Video / Audio Verarbeitung	
Videodekodierung	MPEG-4 PART2/MPEG-2 ISO/IEC 13818 MPEG-2 MP@ML MPEG-2 MP@HL MPEG-4 AVC/H.264 HP@L4
Videoauflösung	1080p/1080i/720p/576p/576i/480p/480i
Audiodekodierung	MPEG/MusiCam Layer I/II, Dolby Audio
Audiomodus	Single/ Dual Mono/ Stereo/ Joint Stereo
Speicher	
Flash-Speicher	128MByte
RAM	256MByte

Video Ausgang	
Video	HDMI/HDCP und RGB AV
Dateneingang/-ausgang	
USB	USB 2.0 Host (5V ≐ 500mA Max.)
Stromversorgung	
Typ	External power supply
Eingangsspannung	100-240V ~, 50/60Hz
Leistungsaufnahme	12 V ≐ 1.0 A
Allgemeines	
Abmessungen (B/H/T)	135 x 135 x 30(mm)
Gewicht	194g
Umgebungstemperatur (Betrieb)	0 °C bis +40 °C
Umgebungstemperatur (Lagerung)	-10 °C bis +70 °C
Lagerfeuchtigkeit	5 %~100 %

Hinweis: Änderungen der technischen Daten des Geräts vorbehalten.

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Version 2, June 1991

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Wir empfehlen Ihnen, auf dieser Karte die Seriennummer, die Sie am Gerät ablesen können, und sonstige Kaufinformationen zu notieren und die Karte zusammen mit dem Kaufbeleg bei Ihren persönlichen Unterlagen aufzubewahren. Auf diese Weise können wir Ihnen einen auf Ihre Bedürfnisse abgestimmten Service bieten.

» **GARANTIEBEDINGUNGEN**

Bewahren Sie diese Karte zusammen mit der Original-Rechnung oder dem Kaufbeleg an einem sicheren Ort auf, und legen Sie es bei einer Reparatur im Rahmen der Garantie auf Anfrage bei Ihrem Händler oder dem Geschäft vor, in dem Sie das Gerät erworben haben.

» **HUMAX-VERBRAUCHERGARANTIE**

HUMAX garantiert vorbehaltlich der umseitig festgelegten Bedingungen, dass dieses Gerät frei von Material- und Verarbeitungsfehlern ist.

» **BEDINGUNGEN**

1. Die HUMAX-Garantie gilt für einen Zeitraum von zwei Jahren ab dem Datum des Ersterwerbs.
2. Wenn dieses Gerät innerhalb der Garantiedauer Funktionsstörungen aufweist, wird es vom Händler oder Vertriebspartner wieder in einen für die vorgesehenen Zwecke betriebsfähigen Zustand gebracht, ohne dass Kosten für Personal oder Material geltend gemacht werden.
3. Diese Garantie gilt nur dann, wenn die Garantiekarte vom Käufer ordnungsgemäß ausgefüllt und dem Händler zusammen mit der Originalrechnung oder dem Kaufbeleg vorgelegt wird.
4. Diese Garantie deckt keine Versand- oder Transportkosten für der Versand an uns ab.
5. Die Haftung des Vertriebspartners ist auf die Reparatur defekter Bauteile beschränkt. Die Kosten und Risiken für den Ausbau, den Transport zum Händler und die erneute Installation des Geräts sowie alle sonstigen Kosten, die direkt oder indirekt mit der Reparatur verbunden sind, fallen nicht unter diese Garantie.
6. Die Kosten für Reparaturen im Rahmen der Garantie, die von nicht autorisierten Werkstätten durchgeführt werden, können nicht erstattet werden, und die Garantie erlischt, wenn im Zuge dieser Reparatur Schäden am Gerät entstehen.
7. Diese Garantie deckt ausschließlich Material- und Verarbeitungsfehler ab und umfasst insbesondere nicht das Folgende:
 - regelmäßige Überprüfung, Anpassung, Wartung oder Umrüstung sowie der Austausch von Bauteilen aufgrund von normalem Verschleiß;
 - Schäden aufgrund von Unfällen, Fahrlässigkeit, Modifizierungen, Einsatz von anderen als HUMAX-Originalersatzteilen, unsachgemäße Verwendung, Installation oder Verpackung;
 - Schäden aufgrund von Blitzeinschlag, Überschwemmung, Brand, Krieg, Unruhen, falschen Netzspannungen, nicht ordnungsgemäßer Belüftung oder sonstigen Ursachen, die sich der Kontrolle des Vertriebspartners entziehen;
 - Produkte, bei denen der Aufkleber mit der Seriennummer entfernt oder unkenntlich bzw. unleserlich gemacht wurde.
8. Diese Garantie gilt für alle Personen, die innerhalb der Garantiedauer rechtmäßig in den Besitz dieses Geräts gelangt sind.
9. Die Haftung von HUMAX ist auf den von Ihnen tatsächlich gezahlten Kaufpreis für dieses Gerät begrenzt. HUMAX haftet in keinem Fall für zufällige, Sonder-, Folge- oder Nebenschäden.

HUMAX-Kundendienst

Weitere Informationen zu Ihrem Gerät finden Sie auf der HUMAX-Website. Sollten Servicearbeiten im Rahmen der Garantie anfallen, wenden Sie sich bitte unter folgenden Adressen an den Kundendienst, um eine entsprechende Autorisierung zu erhalten.

Hinweis: Support für die Reparatur von Hardware finden Sie auf unserer Website.

Deutschland	Tel: Öffnungszeiten: E-Mail: Website: Sprache:	01806-778870 (€ 0,20/Min) Mo-Sa: 08:00 Uhr – 20:00 Uhr techinfo@humax-digital.de www.humax-digital.de Deutsch
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Für Druckfehler übernehmen wir keine Haftung.
Änderungen und Irrtümer vorbehalten.



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