インストール/オペレーションマニュアル

Blackmagic Converters

2020年9月

日本語

‘O\f

\wh|x Blackmagic¯ïÌ”»”›S M{ŠMhiVctK“UqO]_M‡b{

BlackmagicwMini Converter³æ”¶S‘| Micro Converter³æ”¶xzÄîÍK’•”!õ
t0 b”¹æá”³ãïpb{ Mini Converter³æ”¶xžžÆé¬T’Ã´»çžÃ´»çT
’žÆé¬z SDIT’¦”ÃŸ¦¿”ÃŸ¦T’ SDIžž¿Ó ¼¢ï «éµ¯ïÌ”´ãïz SDI
ü t0 `ž²ï«´£Éè”»”pb,owÏÃ¦;+›‰°wæÑ•èïµôøté¿«
b”\q‹pV‡b{“¯ïÍ«Äs Micro Converter³æ”¶xz SDIT’ HDMIzHDMIT’
SDIsr°`$s!õUDópz HDMIZ—› SDÏÃ¦è¯”¼”•µ¿½ß”t€ `h
“z SDIÏÃ¦;+› HDMIÞÇ»”t€ `h“pV‡b{

\wÚÇážçtxz Blackmagic¯ïÌ”»”w–;tžAsØCUb,oGL^•oM‡b{

þ¢£Ò± Ä www.blackmagicdesign.com/jp w±Ù”ÄÖ˝pž‰ÚÇážçw7ý
Ì”´ãï›¬Ý`z Blackmagic¯ïÌ”»”Uºæ¹ÑÄ¢£žt0 `oM”Ôùxž¿Ó
Ã”Ä›¬Ý`oXi^M{ÑÄ¢£ž›ž¿ÓÃ”Äb”\qpz×t7ýw;ó›S–MMh
iZ‡b{ÑÄ¢£ž›¼¢ïé”Åb”Mtâ”²”Jå›`oMhiZ•yzý`M¹Ñ
Ä¢£žwææ”µÌtSl7tSŒ’dMh`‡b{²hjxz×tý;ówCS‘|a¼
w~³tRŠoM‡bwpzâ”²”w…7T’]™_›MhiZ•y¾Mpb{

Grant Petty

Blackmagic Design CEO
¬åïÄ~ÖÂŸ

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Z—›ùôŒw;+t€ b”iZp ot–;‰•pV‡b{

?ow€

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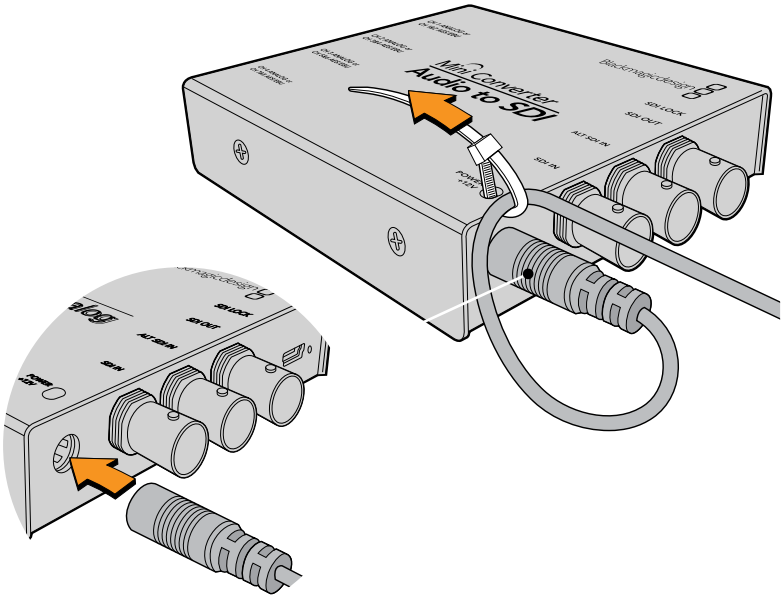


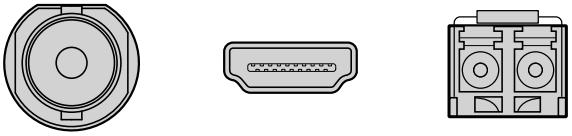
?o-”Òç›¯ïÌ”»”w-”Òç» Ù ïÄt{ b•y¡loŽ•o`‡O\qxK“‡dœ{

Micro Converters

Micro Converter³æ”¶w…?txz USB Cz ‡hx Micro USBz›–;pV‡b{n“z
7ýw 3?é;wÌ¿Âæ”F?+•zå¿ÓÄ¿Ó¯ïÐá”»”w USBÙ”Ä›–;`o?o›
€pV‡bªjw USB Micro USB-”Òçp 5V›™…pV”;+pK•yz Micro Converter
³æ”¶•w…?UDópb{

ïÃ¦w€

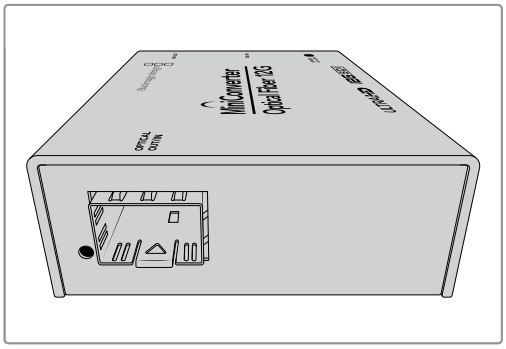
ïÃ¦Ö—S‘|Z—w€ xz¹”µïÃ¦›¯ïÌ”»”wïÃ¦Ö—t€ `zïÃ¦Z—›ù
ôŒw;+t€ `‡b{



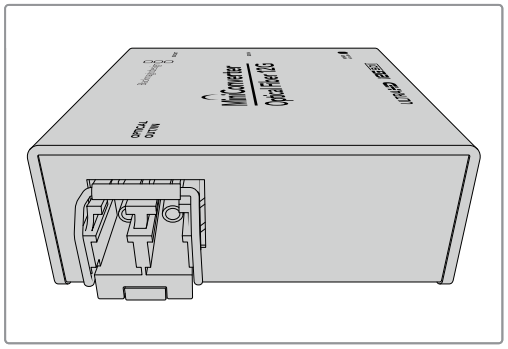
Blackmagic¯ïÌ”»”wÞÃçt aozïÃ¦€ z x BNCz
HDMIz«Ñ•Ì” LCqŸs“‡b{

«Ñ• Ì"¯É«»"

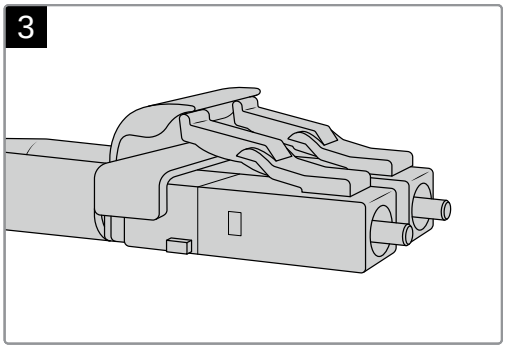
BlackmagicConverterw ° æ w Þ Ã ç x z SFP-¿Ä›eL`oS"ź õQwK" SFP«Ñ• Ì
"Þ´á"ç›€ `oz 3G 6G 12G SDIï Ã¦t0 pV‡b{Þ´á"çxz«ÄåïµÛ¿»"S
'|è³"Ì"pz«Ñ• Ì"-"Òç›€ b"¹-¿Ä›eL`oM‡b{



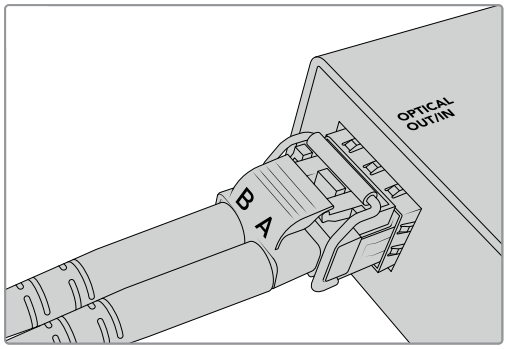
«Z— Ö—¹-¿Ätź Uw‡bMsMT¬Ý
`‡b{



SFP«Ñ• Ì"Þ´á"çw-¢§Ì"› "†
VzSFP¹-¿ÄtàÖ`‡b{-¿Äw&~s•"
tÞ´á"çU)‡"qæ¿«ÐïU§½¿qÐ"z
{ ^•‡b{



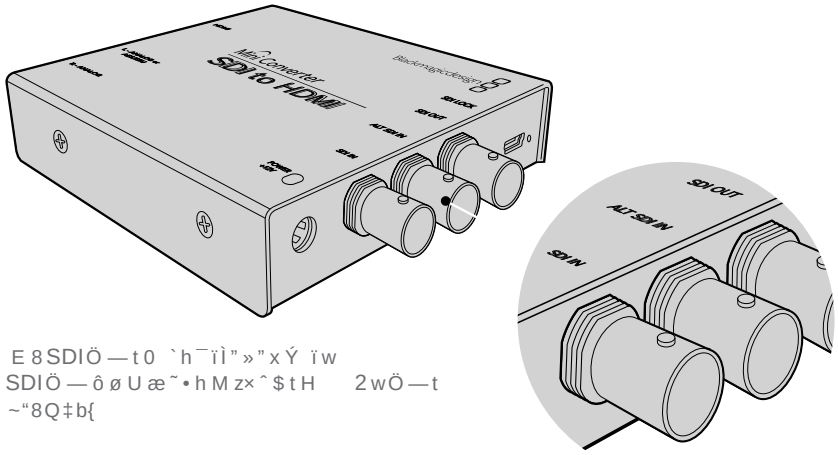
«Ñ• Ì"-"ÒçwÍætxå¿½;ÏUK
'hŠź¿ÄTŽ•‡dœ{



«Ñ•Ì"-"Òç›)` ^‡bŽ—qÖ—
wÓå¬U&~s¹-¿ÄtàÖ^•zÓå¬wå
¿½;ÏU SFP«Ñ• Ì"Þ´á"çwèÌ"
æütØ^ùloM"\q›¬Ý`oXi^M{

Ñ£ ç·"ÑwE8 SDIÖ—

MXmTw Blackmagic¯ïÌ"»"xzÑÕQ›Ëhd"hŠtE8 SDIÖ—›eL`oM‡b{\•'
wÖ—x® Alt SDIIn¯qåÕç^•oS"źïw SDIÖ—ôøUæ~•"q 2t~"8~"‡b{
\w'OsÔù® SDILOCK¯w LEDU:Ó`z¯ïÌ"»"U® Alt SDIIn¯wÖ—t~"8~lh\q
›¯Ô`‡b{



E8SDIÖ—t0 `h¯ïÌ"»"xÝ ïw
SDIÖ—ôøUæ~•hMz×^$tH 2wÖ—t
~"8Q‡b{

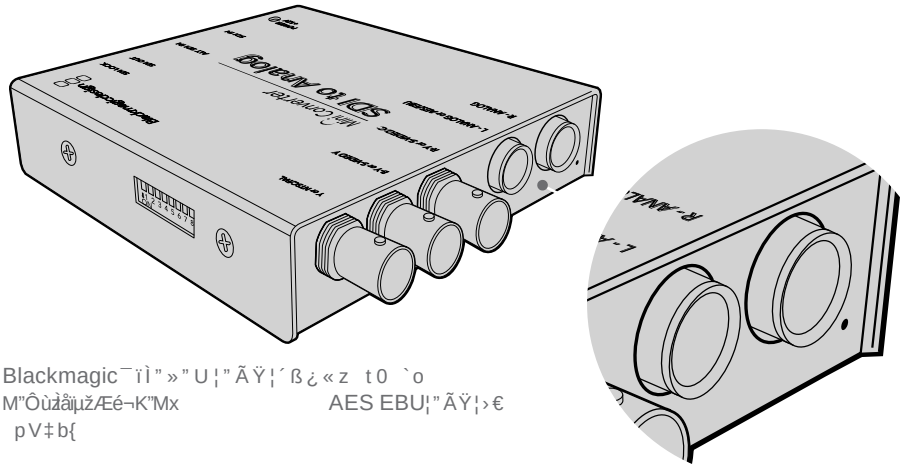
¦”ÃŸ¦´ß¿«z

MXmTw Blackmagic¯ïÌ”»”x 14 ï½´ß¿«›º `oM”wpzŽæÌåïµžÆé¬K”

MxAES EBUÃ´»ç¦”ÃŸ¦› ot€ pV‡b{ 14 ï½´ß¿«xÌåïµ TRSz pb{

TRSx½¿Ó¢ Tip€æ¢ Ring€µæ”Ò¢ Sleeve£wtpzf•g•´ß¿«¯É«»”w 3mw

€ æ›¦`‡b{



Blackmagic¯ïÌ”»”U¦”ÃŸ¦´ß¿«z t0 `o

M”ÔùÌåïµžÆé¬K”Mx AES EBU¦”ÃŸ¦›€

pV‡b{

Ž<w$x¦µw 14´ß¿«z ºæwÐï ¢pb{¦”ÃŸ¦-”Òç›×^b”Ôùt€°

`oXi^M{

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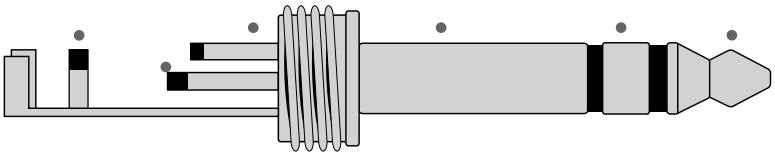


²Ö”´w¦”ÃŸ¦´ß¿«w$xz´ß¿«z wÙ´ÂŸÒzÉ¨ÂŸÒz€•wÐï ¢›Ô`

oM‡b{¦”ÃŸ¦;+tù˜dožÆé¬¦”ÃŸ¦-”ÒçwÃ›S8b”žAUK”Ôùz½

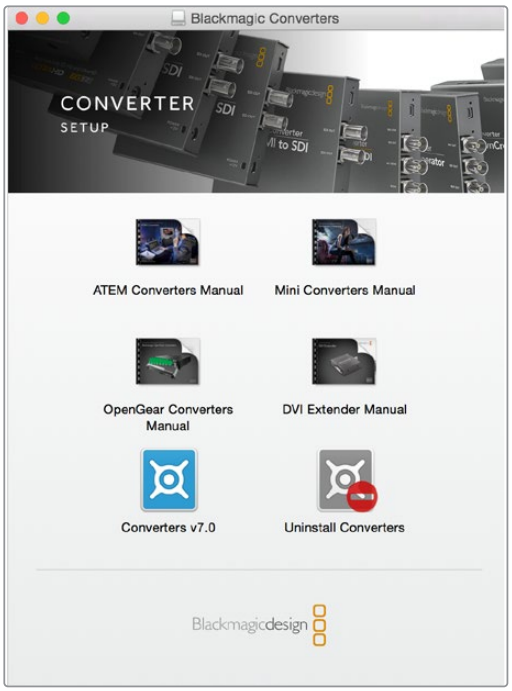
¿ÓqæïwÐïpÙ´ÂŸÒ É¨ÂŸÒ ¢›Ö•8Q‡b{

ÝÞçµ Âè¦žÆé¬-”Òç›€ b”Ôùz 1mw½ßïÉçw´ß¿«¯É«»”

wÃ›S8b”wpK•yz 2mèw½ßïÉç‹‰7t`sMqžÆé¬¦”ÃŸ¦oì•

wj¼qs“‡b{

Blackmagic Converters Setupx z¯ïÌ”»”w ƒ !Ë•º æ¹ÑÄ¢£žwž¿ÓÃ”Ät–;`
‡b{ÐTpV”ƒ òèxžÞÃçt‘loŸs“‡b{T`z Blackmagic¯ïÌ”»”w¤txƒ
wÐTUžAsXz^'tº æ¹ÑÄ¢£žt0 `oMsMÞÃç‹K“‡b{\OMlh¯ïÌ”»
”tx USB¯É«»”UÇMoM‡dœ{]–;w¯ïÌ”»”U\•t˜pb”Ôùz‰·«³ãïx
ˆy`oz˜p¯ïÌ”»”ÞÃçwÖ”´t œpXi^M{



Blackmagic Converters Setup x zMac ‡hx
Windowst ïµÄ”çpV‡b{

Mac•w ïµÄ”ç

1 Blackmagic Converters Setup¹ÑÄ¢£ž› www.blackmagicdesign.com/jp T’¼¢ ïé”Å`‡b{
2 ¼¢ïé”Å`hÑ• ç›rZ`z^'tÃŸµ« Ý”´›‰Mo¯ïÂïÀ›¯Ô`‡b{
3 Installer¤¼Òç«æ¿«`žnØw¦ÔtHbïµÄ”ç`‡b{
4 ïµÄ”çUì ƒ`h'® Close¯×«æ¿«`‡b{•p Blackmagic Converters Setup U ïµÄ”ç^•‡`h{

Windows•w ïµÄ”ç

1 Blackmagic Converters Setup› www.blackmagicdesign.com/jp T’¼¢ïé”Å`‡b{
2 ¼¢ïé”Å`hÑ• ç›rZ`‡b{ Blackmagic Converters SetupÑ¥ç¼”txz ‰PDFÚÇážçS‘| Blackmagic Converters Setup InstallerU ‡•oM‡b
3 Installer¤¼Òç«æ¿«`žnØw¦ÔtHbïµÄ”ç`‡b{
4 ®Finish¯×«æ¿«`oïµÄ”ç›ìƒ`‡b{

\•p Blackmagic Converters Setup›–;pV‡b{

] – ; w Blackmagic Converter t USB¯É«»”U ÇMoM”Ô ù z! Ë D ó s å C ƒ U K“z ¯ïÌ”»”› 7 ý w º æ ¹ÑÄ¢£ž t ž ¿ Ó Ã ”Äp V ‡ b{7 ý w ¹ÑÄ¢£ž x z Blackmagic Design w ± Ù ”Ä · ï » • T ’¼ ¢ ï é ”Å p V ‡ b{ www.blackmagicdesign.com/jp/support

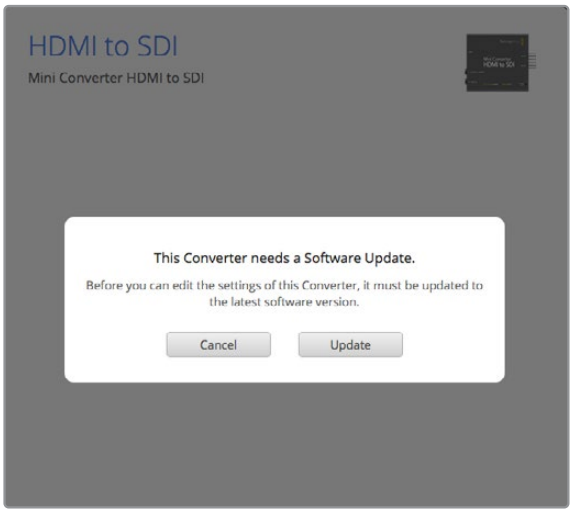
Blackmagic Micro Converters› ž ¿ Ó ¬ è ”Å b ” M x z? o x USB& p ™ … ^ • ” w p ? o w € t `oú b” ž A x K“‡ dœ{

Blackmagic Mini Converter³æ”¶ p x z USBp¯ïÐá”»”t€ b”²tz¯ïÌ”»”t? o › Ö • ” ž A U K“‡ b{

1 ¯ïÌ”»”w? o › Ö • ‡ b{

2 ¯ïÐá”»”T’ USB-”Òç›¯ïÌ”»”t€ `z Blackmagic Converter Setup › I ^`‡ b{

Blackmagic Converter U · ¿ Äž ¿ Óâ” ÂŸæ ÂŸw × ”ÜÖ”´ t¯Ô^ • ‡ b{ó : w¯ïÌ” »”› USBp € `o M ” Ô ù z × ”ÜÖ”´ w ( È t K ” ü ¹ ž ¯ï› «æ ¿ « `o – ; `h M¯ ïÌ”»”› ¬ R `‡ b{



Blackmagic Converters Setup U y M Ì”´ ãï w º æ ¹ÑÄ¢£ž› U Z `h Ô ù zž ¿ Ó Ã ”Ä› * ‘b” Ý ¿ · ”´ U¯Ô^ • ‡ b{

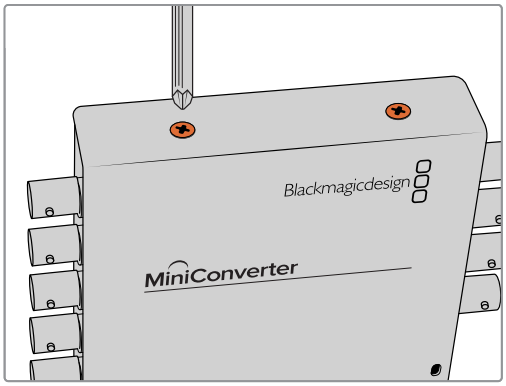
¯ïÌ”»”U € ^ • o M s M Ô ù z × ”ÜÖ”´ t® No Converters found¯q¯Ô^•‡b{ïÌ”»”› USB& p¯ïÐá”»”t€ `o M o ‹ z? o U Ö lo M s Z • y × ”ÜÖ”´ t x ®No Power Connected¯q¯Ô^•‡b{¯ïÌ”»”w? o › Ö • ”q ƒ tž « · µ p V ‡ b{

Blackmagic Converters Setup w ì ”ã ï Uq Ow º æ ¹ÑÄ¢£ž‹ ý `M Ô ù x ž ¿ Ó Ã ”Ä› * ‘b” Ý ¿ · ”´ U¯Ô^ • ‡ b{ w Ô ù x h Ø w ¦ Ô t H M ž ¿ Ó Ã ”Ä `o Xi ^M{

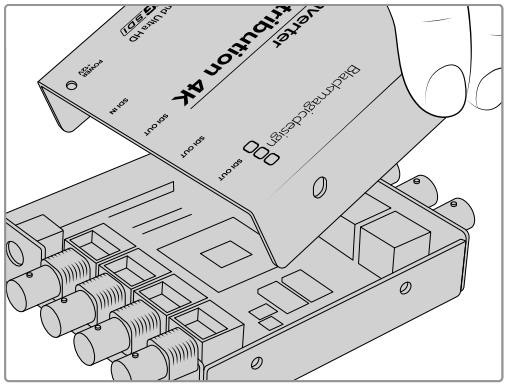
Blackmagic Mini Converter SDI Distribution 4K x USB¯É«»”›º `oM‡b{ Mini Converter x â”²”t‘”Ð T U D ó s ƒ U s M w p z· ¿Ä ž ¿Ó ¹ Ñ Ä ¢ £ ž › € b”ž A x K “‡ d œ { T ` z Ã Š o C t “ õ Q › ~ ³ b”º æ ¹ Ñ Ä ¢ £ ž ž ¿ Ó Ã ”Ä U æ æ ”µ^•”\q U K “‡b{«Qyz Blackmagic Converters Softwarewì”´ãï 70 9 x ⁄w¯ïì”»”q Level A 3G SDIô ø w“ õ Q ›²Í`‡b{

Mini Converter SDI Distribution 4K q ž t – ; `o M ” ; + t › w ž ¿ Ó Ã ”Ä U & ; ^ • ” Ô ù z < G w M O t H M Mini Converter wUSB¯É«»”tž«·µ`oXi^M{

Ý Þ ç Mini Converter SDI Distribution 4Ktž«·µb”²t?o›žc~loXi^M{
\w^Àxz¿¨›Ëlh¤ï´Çžt‘“i?>†^µÄå¿Ó›–;`oæ˜•”\q
U*‘^•‡b{

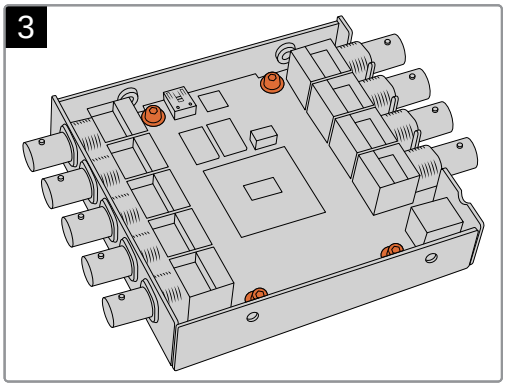


ÓåµÅå ì”›–;`z Mini Converter SDI Distribution 4Kw Ø t K ” 4 Š w M 3 É´›Ž `‡b{

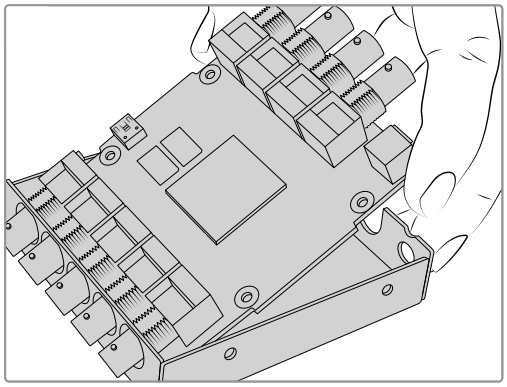


§Ì”›µå Å^doŽ`‡b{

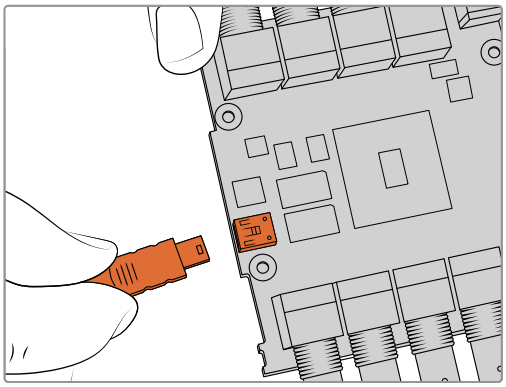
3



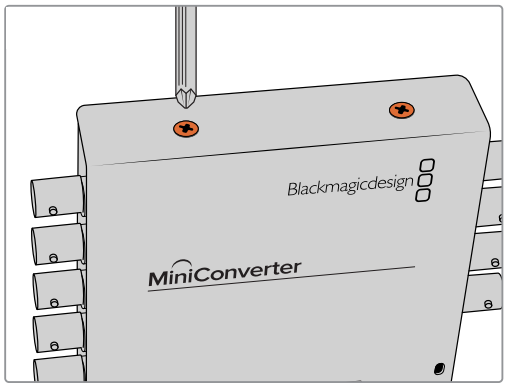
T10Äç«µÅå ì”pz Mini Converter SDI Distribution 4Kw ÑèÜt±”©¿ÄØ”Å› { `oM” 4 Š w É´›Ž`‡b{



•lX“qÑè”ÜT’±”©¿ÄØ”Å› “† VzUSB¯É«»”tž«·µ`‡b{



Mini Converter SDI Distribution 4K› ? o t €
` z USB-”Òç›–lo¯ïÐá”»”t€ `‡b{
w Mini Converterq‰ 7 t zº æ ¹ÑÄ¢£ž›ž¿
ÓÃ”Ä`‡b{



Mini Converter SDI Distribution 4K› i w Ý 6
tÊˆqo”txźGw 1™4 w ^ À › o w q j
pæsloXi^M{

ÝÞ Ç Mini Converter SDI Distribution 4Kw±”©¿ÄØ”Å›{OMxžæ¯ïÙ”Éï
Äw³ã”Äw-whŠtžcØ”Åwz›Ëm‘Ot`oXi^M{

ƒ w ! Ë

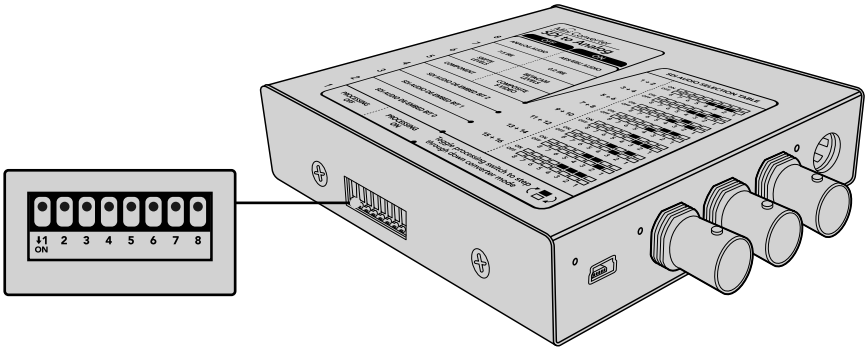
] – ; w Blackmagic Converter U ƒ Ð T t 0 `o M ” Ô ù z 2 m w M O p ƒ › ! Ë p V ‡ b{
¯ïÌ”»”w ØtÇ MoM”º µ ¿½›–OTzK”Mx Blackmagic Converters Setup Utility
¹ÑÄ¢£ž›–lo ! Ë p V ‡ b{\wâ”ÂŸæÂŸxžžÆé¬ÏÃ¦S‘|¦”ÃŸ¦èÕçs
rzµ ¿½p x ! Ë p V s M ƒ › ! Ë b”\q‹p V ‡ b{

µ¿½›–;`oƒ›!Ë

Xw Blackmagic¯ïÌ”»”Þ Ãç x zº µ ¿½›e L `o M ‡ b{

µ¿½ƒ›!Ëb”txÖïŒsr›–loµ¿½›Í<tˆT`‡b{•t“µ¿½U
ON OFFt~“8˜“‡b{ 8mwµ¿½›K’•”Êˆù˜dtƒb”\qpz! õƒ›Y¬
t¬RpV‡b{

µ¿½ƒw¼ž¬åÜx¯ïÌ”»”w ØtÓæïÄ^•oM‡b{µ¿½jøx(T’qt
1™8pbƒU¼ž¬åÜqùbM”\q›¬Ý`oXi^M{

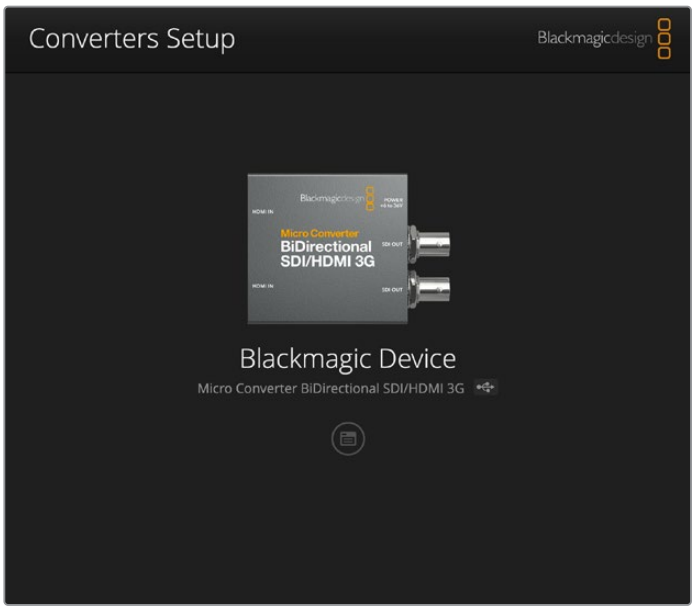


ƒ ›!Ëb”MxzÖï›–;`oµ¿½›~“8Q‡b{

µ ¿½w†Ìqƒ t b”ÄIx‡wÚÇážçw¤ÞÃçw·«³ãï›€°`oXi^M{
µ ¿½ƒ x¯ïÌ”»”wjØtÓæïÄ^•oM‡bUz™wž¿ÓÃ”Ät‘”ý;ópý`M
ƒ UåC^•”\qUK“‡b{×t7ýwØC›˜”hŠtz‰ÚÇážçw7ýÌ”´ãï›
8$t¬Ýb”\q›SçŠ`‡b{7ýÌ”´ãïwÚÇážçxz BlackmagicDesign±Ù”Ä·ï
»” www.blackmagicdesign.com/jp/support p¼¢ïé”ÅpV‡b{

Blackmagic Converters Setup›–;`oƒ ›!Ë

Blackmagic Converters Setup›¯ïÐá”»”t ïµÄ”ç`h’z¯ïÐá”»”q Blackmagic
¯ïÌ”»”› USBp€ `‡b{



Blackmagic Converters Setup Utility ›–;b•yz
¯ïÌ”»”wºæ¹ÑÄ¢£žwž¿ÓÃ”Ä•ƒ wÐT›z
Mac OS‡hx Windows¯ïÐá”»”pîæpV‡b{

¹ÑÄ¢£ž›Iˆb”qz7st¯Ô^•”wU×”Üµ«æ”ïpb{ó:w¯ïÌ”»”›¯ï
Ðá”»”t€ `oM”Ôùz BlackmagicConvertersSetup×”ÜÖ”´w(ÈtK”ü¹ž ¯ï›
«æ¿«`o–;`hM¯ïÌ”»”›¬R`‡b{

ƒ›!Ëb”txz BlackmagicConverterw Ý”´w<tK”ƒ ž ¯ï›«æ¿«`‡b{ƒ
›!Ëb”qzý`Mƒ xbYt¯ïÌ”»”t- ^•‡b{- ^•hƒ x?o›~lo‹
¡Ë^•zOº S?o›Ö•”q6SfwƒpÏR^•‡b{

„qœrwƒ xº µ¿½›–loƒ pV‡bUzžÆé¬ÏÃ¦S‘|¦”ÃŸ¦èÕçwÐ
TsrzÄž¿Ó¹ÑÄ¢£žT’`Tƒ pVsMƒ ‹K“‡b{

^Àw\mç Teranex Mini Converters x 12G SDI¯ïÌ”»”pz 4K DCI 60p‡pw XwÏ
Ã¦Ñ¥”Ú¿Ä›±Ù”Ä`‡b{ Blackmagic Teranex Setup Utility›–Ihƒ !Ësrz Teranex Mini Converterw–MMt b”ØC›Œ“hMÔùx Teranex Mini Converters ÚÇážç›€°`oXi^M{7ýwÚÇážçxz Blackmagic Design±Ù”Ä·ï»” ¢www.blackmagicdesign.com/jp/supportp¼¢ïé”ÅpV‡b{

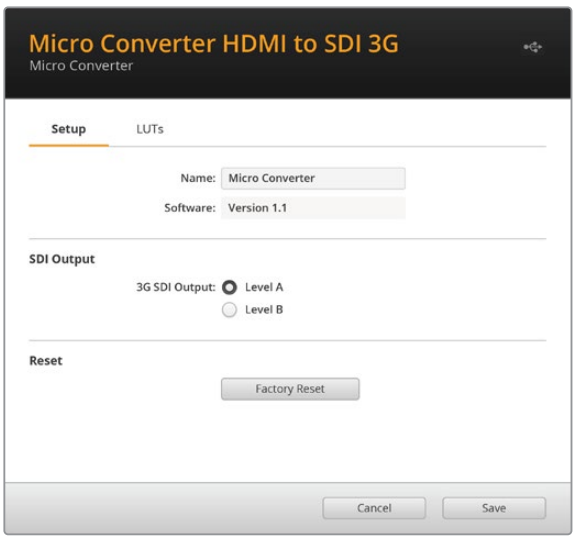
Blackmagic Converters Setupw® About¯»Òxz Xw¯ïÌ”»”ÞÃçtžè`oM‡b{
®Name¯Â©µÄØ¿«µ›«æ¿«`o¯ïÌ”»”tÇZhMÊ²›Ö—`® Save¯›!`o!
Ë›- `‡b{

Blackmagic Converters Setupw® About¯»Òtxz
qOw¹ÑÄ¢£žÌ”´ãït b”ØCU¯Ô^•‡b{

®About¯»Òw® Software InformationŸÇá”txz Blackmagic¯ïÌ”»”p–;`oM”¹ÑÄ ¢£žwÌ”´ãïU¯Ô^•‡b{¯ïÌ”»”w°æ¹ÑÄ¢£žU BlackmagicConvertersSetup¹ ÑÄ¢£žq°yt ïµÄ”ç^•hÌ”´ãï“yMÔùxž¿ÓÃ”ÄØ»ïU¯Ô^•‡b{ \wØ»ïp¯ïÌ”»”w¹ÑÄ¢£ž›7ýwÝ6tž¿ÓÃ”ÄpV‡b{

Setup»Ò

°æwBlackmag Setup¯»Òp¯ïÌ”»”Êwƒ •¹ÑÄ¢£žØCw¬ ÝUDópb{w»Òtxz–;`oM”¯ïÌ”»”› wƒ ‹¯Ô^•‡b® Setup¯»Ò› –;`o¯ïÌ”»”›ƒ b”MwÄIxžwÚÇážçw¤¯ïÌ”»”·«³ãï›€°`o Xi^M{



Blackmagic¯ïÌ”»”xzK’•”Ú Et0 `h!õ¹æá”³ãï› ™`‡b{« Qyz Mini Converter³æ”¶x$ÎTm0”swpzÏÃ¦;+•ÏÃ¦Äè tÚ¢ïÄ`o–;pV‡b{ °Mz Micro Converter³æ”¶xz SDIT’ HDMIzHDMIT’ SDIw!õt0 `h– ¯ïÌ”»” pz USBp ... ?pV”wpzÞÇ»”•å¿ÓÄ¿Ó¯ïÐá”»”t “ÇZo–;b”wt7&pb{

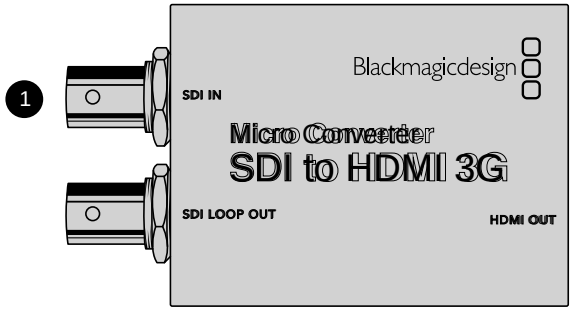
Ž<wÖ”´px¤ Blackmagic¯ïÌ”»”zµ ¿½ƒ z·¿Äž¿Ó¹ÑÄ¢£žƒ tmMo †Ì`‡b{

Teranex Mini Converters

Blackmagic Teranex Mini Converters x 12G SDI¯ïÌ”»”pz 4K DCI 60p‡pwÏÃ¦Ñ¥”Ú ¿Ä›±Ù”Ä`‡b{‰³æ”¶w¯ïÌ”»”xz LCDØ»žs8ÊÒ›eL`h¦Ó³ãw Teranex Mini Smart Panel›–lo¯ïÄé”çpVz”±É¿Ä& p ... ?pV‡b{ Blackmagic Teranex Setup Utility›–Ihƒ !Ësrz Teranex Mini Convertert b”ØC›Œ“hMÔù x Teranex Mini ConvertersÚÇážç›€°`oXi^M{ÚÇážçx Blackmagic Design±Ù”Ä ·ï»” www.blackmagicdesign.com/jp/support p¼¢ï é”ÅpV‡b{

Micro Converter SDI to HDMI 3Gpxz¿cs ¨w HDMIÃŸµÓè •ï Ã¦Ó é´£«»"
›z SDIÕ"µw;+t€ pV‡b{ Micro Converter SDI to HDMI 3G x zSD HD 3G SDI›×^
$tUZ`z¤ïÕÃ¿Å¦"ÃŸ¦ÇVw HDMIt¦õ`‡b{wÞÃçpxz HDMIZ—S'| SDI
ç"ÓZ—t 3D LUT›¯ÔpV‡b{

\w¯ïÌ"»"xÒ– TmLùÁ¼ípzNÚsžçÛawQ.t-¢^•oS"z USB C& p
…?pV‡b{m‡"å¿ÓÄ¿Ó•Âèïw USB¯É«»"T²jw USB C-"Òç& p…?
pV‡b{ USB C-"Òçxz3?éqF?+•å¿ÓÄ¿Ów€ t–;^•oM‡b{•'w-
"Òç›ËloM•y‰a-"Òç›–;pV‡b{"Òçw USB¯É«»"w ¨UŸs"Ôùz
&~s-"Òçx°`$s?+3pêÖpV‡b{



SDI In
Ý ïw SDIÖ—;BNC¯É«»"{ BNC¯É«»"w¡tK"–^s LEDé¿«å Äxz SDI
Ö—UUZ^•zHDMIZ—U&~sÃÌ µt€ ^•"q:n`‡b{\w LEDU:Ó
b"Ôùxz SDIÖ—xUZ^•h‹wwz HDMIZ—UUZ^•oMsM\q›Ô`oM‡
b{ LEDé¿«å ÄU:n`sMÔùxz SDIÖ—‡hx HDMIZ—UUZ^•oM‡dœ{

2 SDI Loop
SDIÖ—;BNC¯É«»"T'wç"Óµç"Z—{

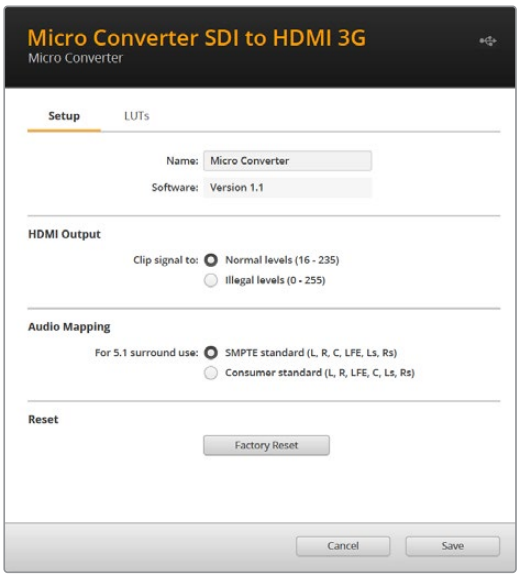
3 USB C Power
ªjw USB USB C-"Òç›–;`o 5V?o›€`‡b{hz Mac Windows¯ïÐá
"»"p Blackmagic Converters Setup¹ÑÄ¢£žt€ `‡b{ USB Cw¡tK"–^s
(w LEDåÄx?ot€ b"q:n`‡b{

4 HDMI Out
HDMIÃ¦Z—¢»Ó A£{

Blackmagic Converters Setup w *ƒ*

Blackmagic Converters Setup Utility›–;b•yz*ƒ* w!Ë S'| Micro Converterw¹ÑÄ¢£ž
ž¿ÓÃ"ÄUDópb{\•'w*ƒ* tx® Setup»Ò® LUTs»Ò›~"8Qož«·µpV‡b{

®Setup¯»ÒpxzâÇ¿ÄÊ•¹ÑÄ¢£žÌ"´ãïw¬ÝtCQz HDMIZ—wèÕç• 51±å
¢ïÅ;¦"ÃŸ¦Ú¿ÐÐï¬w*ƒ* UDópb{



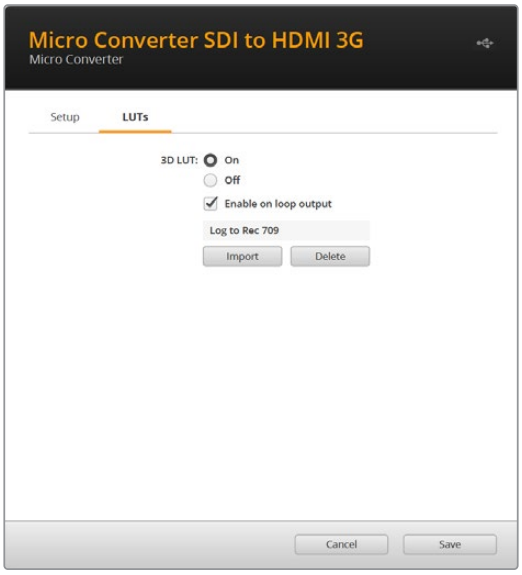
HDMIZ—¢ HDMI Output £
HDMIZ—›&YèÕçºt)Š”tx® Normal levels¯› ¬ R ` ‡ b{í Ã ¦ è Õ ç › SDIÖ — t ù
®ø Illegal levels¯›¬R`‡b{‘ƒ x® Normal levels¯b{

¦ ” Ã Ÿ ¦ Ú ¿ Ð ï ¬¢ Audio Mapping £
5 1± å ¢ ï Å ; t z¦ ” Ã Ÿ ¦ Ú ¿ Ð ï ¬ › SMPTE‡ h x ½ \ ; F ¨ T ’ ¬ R p V ‡ b{

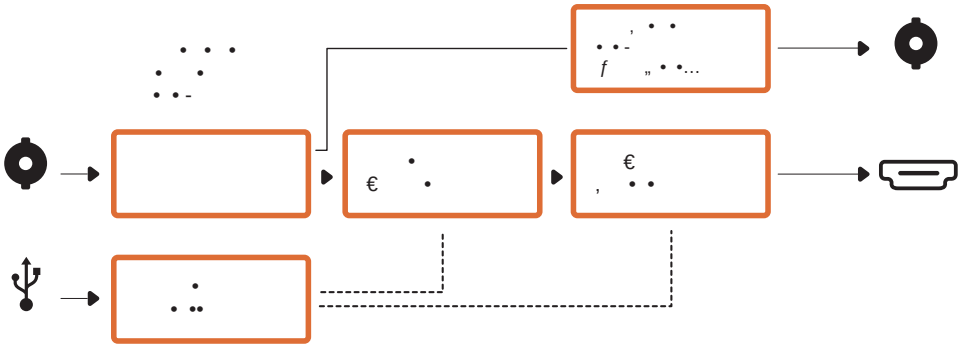
æ·¿Ät Reset £
¯ ï Ì ” » ” › Z Y Ì w ƒ tæ · ¿ Ä ` h M Ô ù x ø® Factory Reset¯Ø»ï›«æ¿«`‡b{

LUTs
HDMIZ — t 3D LUTøÔùx On¯›¬R`® Import¯Ø»ï›«æ¿«`‡b{‘tz
^ ^ h M LUTU - ^•oM ” Ô t ‡ p Æ Ï ® ” Ä ` o LUTø Save¯›«æ¿«`‡b{

SDIç”ÓZ—t LUTøÔùx Enable on loop output ¯½£¿«Ø¿«µ›¬R`‡
b{ LUT›Á®tb”tx® O ¯›¬R`‡bé”Å`h LUT›_†b”tx® Delete¯Ø»ï›«æ
¿«`‡b{



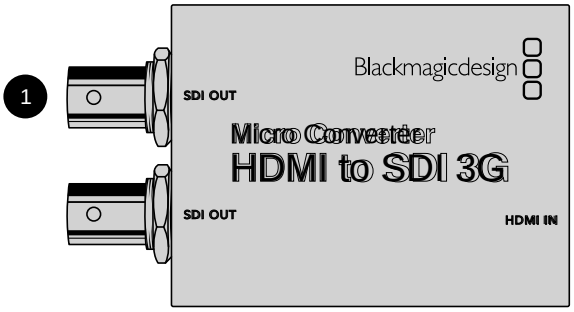
Micro Converter SDI to HDMI 3GwÒé¿«$



Micro Converter HDMI to SDI 3G

Micro Converter HDMI to SDI 3G›–;`oz HDV§Ýå•®"Ü;srwÃÌ µw HDMIZ—› SDIt!õpV‡b{ HDMIwÏÃ¦ô ø›7Õw SDI-"ÒçpùôpV"hŠz HDMIZ—›eLb "¯ïÐá"»"t SDIZ—›åCpV‡b{

Ò– wLùÁ¼í¯ïÌ"»"xzNÚsžçÛawQ.t-¢^•oS"z USB C& p ... ? p V‡b{n‡"å¿ÓÄ¿Ó•Âèïw USB É«»"T²jw USB C-"Òç& p ... ? pV‡ b{ USB C-"Òçxz3?éqF?+•å¿ÓÄ¿Ów€ t–;^•oM‡b{•'w-"Òç ›ËloM•y‰a-"Òç›–;pV‡b{"Òçw USB¯É«»"w ¨UŸs"Ôùz&~s -"Òçx Xw?+3pêÖpV‡b{



SDI OUT
SDIïÃ¦Z—;w BNC¯É«»"{

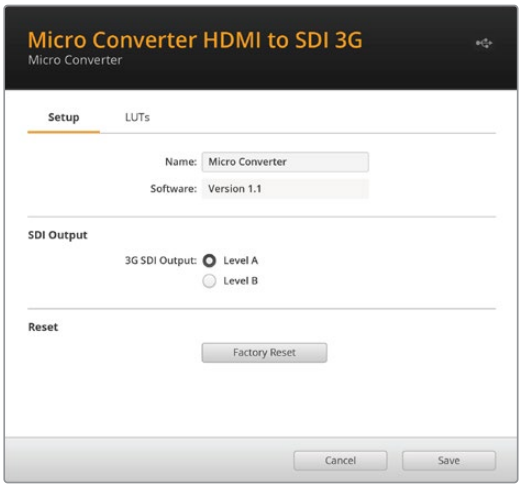
2 SDI OUT
2mèwSDIZ—{

3 USB C Power
ªjw USB USB C-"Òç›–;`o 5V?o›€ `‡b{hz Mac Windows¯ïÐá "»"p Blackmagic Converters Setup¹ÑÄ¢£žt€ pV‡b{ USB Cw¡tK"–^ s(w LEDåÄx2ot€ b'q:n`‡b{

4 HDMI In
HDMIïÃ¦Ö—¢»Ó A£{ HDMIÖ—¯É«»"w¡tK"–^s LEDé¿«å Äxz ®sHDMIÖ—UUZ^•"q:n`‡b{

Blackmagic Converters Setup Utility › – ; b • y zƒ w ! Ë S ‘ | Micro Converterw¹ÑÄ¢£ž
ž¿Ó Ã ”Ä U D ó p b{\•’w ƒ t x® Setup¯»Òœ® About¯»Ò›~“8Qœž«·µpV‡b{

®Setup¯»Ò t x ≠ÑÄ¢£ž t b”Ø C S ‘ | Ãì µÊ U ‡•o M ‡ b{

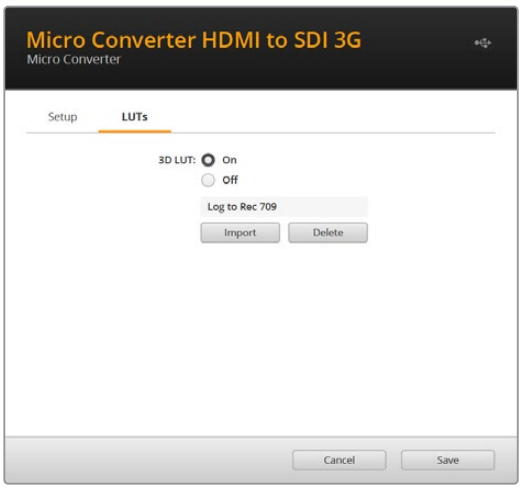


SDIZ—¢ SDI Output £
®3G SDI Output¯ÝÇá”pz 3G SDI› Level A ‡ h x Level BT’¬ R p V ‡ b{ 3G SDIZ — w F
¨›! Ë b”\q p z Level A ‡ h x Level B w3G SDIï Ã ¦ w ˆ › ! ô p V ” ; + q “ õ Q › - m \
qUpV‡bÃÑ¥çÄƒ x Level Bp b{

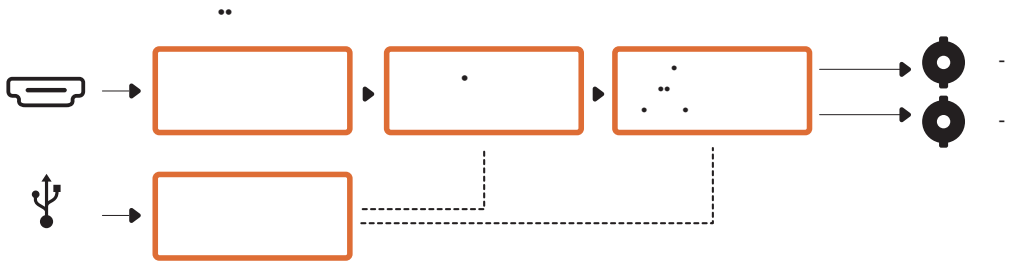
æ·¿Ä¢ Reset £
¯ïÌ”»”›Z Y Ì w ƒ tæ · ¿Ä `h M Ô ù x ®® Factory Reset¯Ø»ï›«æ¿«`‡b{

LUTs
SDIZ — t 3D LUT ÔÔ On¯›¬R`® Import¯Ø»ï›«æ¿«`‡b{“t
ˆ ˆ h M LUTU - ^•o M ”Ô t ‡ p ÆÏ®”Ä `o LUT Save¯›«æ¿«`‡b{

é”Å `h LUT›_†b”b® Delete¯Ø»ï›«æ¿«`‡b{



Micro Converter HDMI to SDI 3GwÒé¿«$



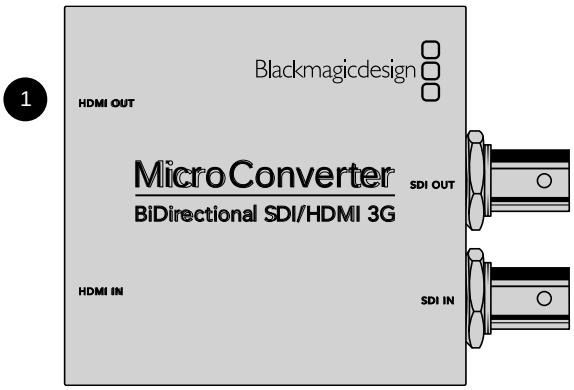
Micro Converter BiDirectional SDI HDMI 3G

Micro Converter BiDirectional SDI HDMI 3G p x z HDMI› SDIt z SDI› HDMItlõpV‡b{
w M z»æ"q§Ýå¯ïÄé"çx†Ñ¥"Ú¿Äw‡‡¡ËpV‡b{m‡"z Blackmagic Pocket
Cinema Camera 4K 6K› SDI0 w ATEMµ¿½ß"tz URSABroadcast› ATEMMinit€ `oz
§Ýå¯ïÄé"çq»æ"›¡ËpV‡b{wÞÃç› SDI¤«µÂï¼"q`o–;b"qz HDMI
0 w Blackmagic Design§Ýåq ATEM Miniµ¿½ß"›Õ'm p€ pV‡b{

Ö—›1% w w^€ `oM"Ôùz SDI HDMIZ—xrj'‹ç"ÓZ—ts"wpzÖ—ô ø›
SmartViewÞÇ»"srw HDMI SDI;+tùôpV‡b{

Micro Converter BiDirectional SDI HDMI 3G x z SD HD 3G SDIÖ—Ñ¥"Ú¿Ä›×^UZ`ŻZ
—Ñ¥"Ú¿Ä›f•tù˜d‡b{

\w L ù¼íw– ¯ï Ì"»"x USBp…?pV"wpæ¿ÓÄ¿Ó•Âèïw USB¯É«»"T
'ªjw USB C-"Òçp?o›™…pV‡b{ USB C-"Òçxz3?éqF?+•å¿ÓÄ¿Ó
w€ t–;^•oM‡b{•'w-"Òç›ËloM•y‰a-"Òç›–;pV‡b{"Òçw
USB¯É«»"w ¨UŸs"Ôùz&~s-"Òçx Xw?+3pêÖpV‡b{



HDMI Out
HDMIÏÃ¦Z—¢»Ó A£{

2 HDMI In
HDMIïÃ¦Ö—¢»Ó A£{ HDMIÖ—¯É«»"w¡tK"–^s LEDé¿«å Äxz
®sHDMIÖ—UUZ^•"q:n`‡b{

USB C Power
ª j w USB USB C-”Òç›–;`o 5V?o›€ `‡b¢‡hz Mac Windows¯ïÐá”
»”p Blackmagic Converters Setup¹ÑÄ¢£žt€ pV‡b{ USB C Ù”Äw¡tK”
–^s(w LEDåÄxz?ot€ b'q:n`‡b{

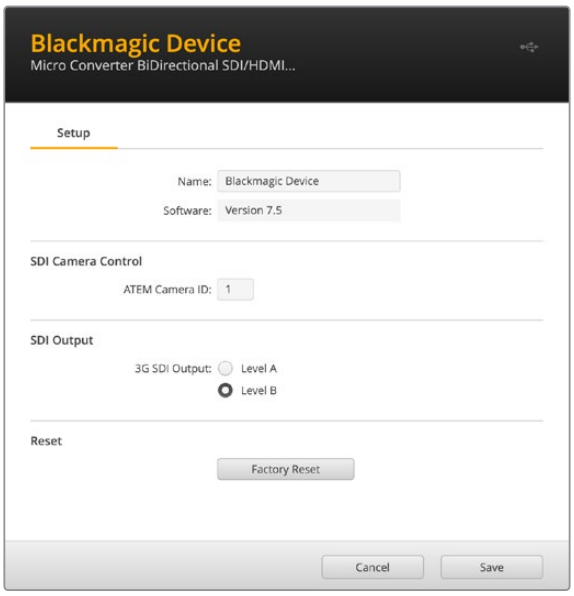
4 SDI Out
SDIÏÃ¦Z—;w BNC¯É«»”{

5 SDI In
SDIÏÃ¦Ö—;w BNC¯É«»”{ SDIÖ—w¡tK”–^s LED¿«åÄxz®s
SDIÖ—UUZ^•”q:n`‡b{

Blackmagic Converters Setup w ƒ

Blackmagic Converters Setup Utility›–;b•yzƒ w!ËS‘| Micro Converterw¹ÑÄ¢
£žž¿ÓÃ”ÄUDópb{

®Setup¯»ÒpxzâÇ¿ÄÊS‘|¹ÑÄ¢£žÌ”´ãïw¬Ýz SDI§Ýå¯ïÄé”çS‘| SDI
Z—¦Ó³ãïw¬RUDópb{



Micro Converter BiDirectional SDI HDMI 3Gwƒ ¦Ó³ãï

SDI§Ýå¯ïÄé”ç¢ SDI Camera Control £
ATEMµ¿½ß”w CCUS‘|»æ”Ã”»›&~s§Ýåtùôb”tx®
ATEM Camera ID¯
wjøU ATEMwÖ—jøq°•`oM”žAUK“‡b{

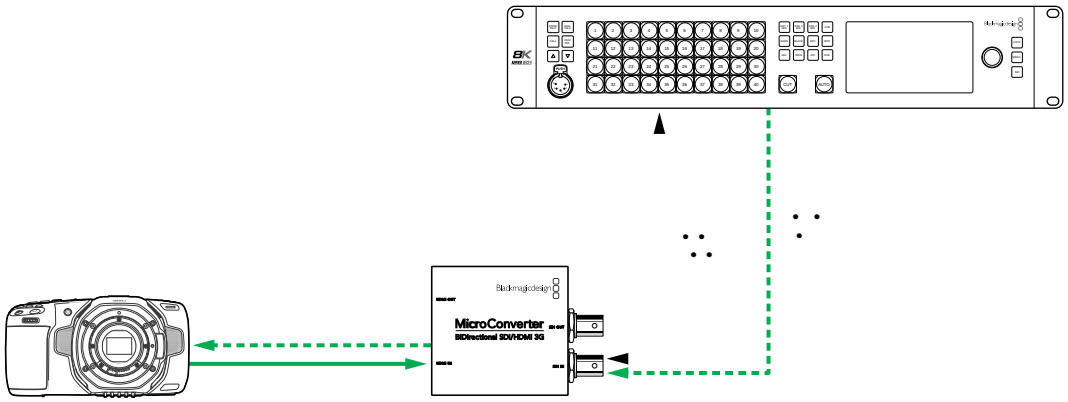
SDIZ—¢ SDI Output £
®3G SDIOutput¯ƒpz 3D SDI› Level A‡hx Level BT’¬RpV‡b{ 3G SDIZ—wF¨›
!Ëb”\qpz Level A‡hx Level Bw3G SDIÏÃ¦wˆ›!ôpV”;+q“õQ›-m\qU
pV‡b{ÃÑ¥çÄƒx Level Bpb{

æ·¿Ä¢ Reset £
¯ïÌ”»”›ZYÌwƒ tæ·¿Ä`hMÔùx®
Factory Reset¯Ø»ï›«æ¿«`‡b{

Blackmagic Pocket Cinema Cameraq ATEM Constellation 8K› – ; b ”Ô ù

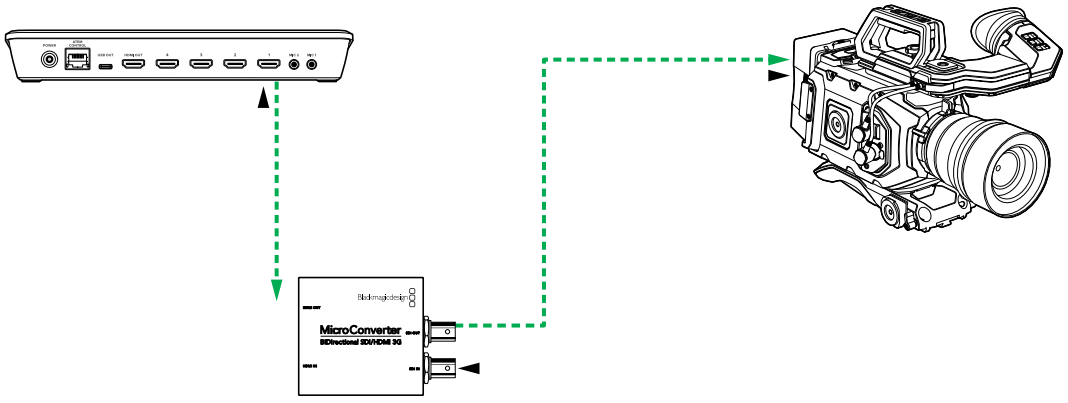
\w Ô ù z Micro Converter BiDirectional SDI HDMI 3G› – ; `o§Ýåw HDMIZ — q ATEMwSDI Ö—›€ `‡b§Ýå¯ïÄé”çq»æ”Ã”»U Micro Converter BiDirectional SDI HDMI 3G ›èa`½\;w? Mš CECÃ”»q`o HDMIô ø p§Ýåtù ô^•‡b{

Micro Converter BiDirectional SDI HDMI 3G wHDMIZ — x æ Þ ”ÄÞ Ç»æï¬t‹ – ; p V ‡ b{



Blackmagic URSAq ATEM Mini› – ; b”Ô ù

\w Ô ù z Micro Converter BiDirectional SDI HDMI 3G› – ; `o§Ýåw SDIZ — q ATEMMini w HDMIZ—›€ `‡b§Ýåw SDIô ø x HDMIt ! õ ^ • z ATEMMinitù ô^•‡b{ CECÃ ” »x Micro Converter BiDirectional SDI HDMI 3G t í ^ • z CCUq»æ”Ã”»t ! õ ^ • o z SDI & p§Ýåtù ô^•‡b{

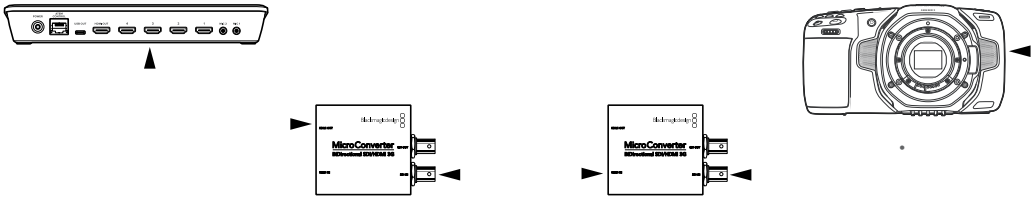


2 m wMicro Converter › SDI¤«µÂï¼”q`o– ; b”Ô ù

SDIx HDMI ‘“ Õ M ‘ m p w € U D ó p b{ 2 m wMicro Converter BiDirectional SDI HDMI 3G › SDIp € b”\q p z§Ýå¯ïÄé”çq»æ”Ã”»› ¡ Ë `h ‡ ‡ z HDMI ; + w € c “›¦ G p V ‡ b{

« Q y z ATEM Mini › Blackmagic Pocket Cinema Camera 6K€pV‡{w$pxz ATEM Mini wCECÃ”»U HDMI& p 1mèw¯ïÌ”»”tùô^•z¯ïÌ”»” x CCUS‘|»æ” Ã”»q`o SDI& p ù ô ^ • o M ‡ b{

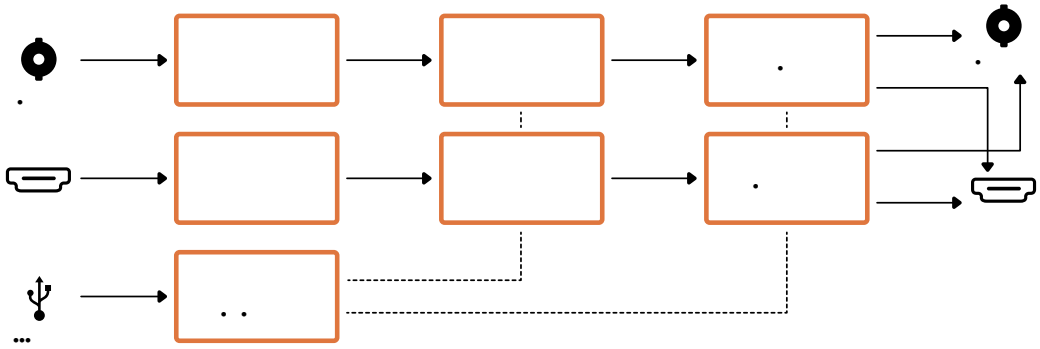
f w ™ z 2 m è w ¯ ï Ì ” » ” U CECÃ ” » › HDMI& p§Ýåtùô`oM‡b{



ÝÞçMicro Converter BiDirectional SDI HDMI 3G wHDMIZ — x z SDIÖ — wï Ã¦ › × ^ $ t U Z ` ‡ b{ï Ã¦ U U Z ^ • s M Ô ù x z HDMIZ — UHDMIÖ—wç”ÓZ—qs“z æÞ”ÄÞÇ»æï¬t–;pV‡b{

Micro Converter BiDirectional SDI HDMI 3G wHDMIÖ — t € ^ • hï Ã¦ • ¦ ” Ã Ÿ ¦ x z SDIZ — t ù ô ^ • ‡ b{

Micro Converter BiDirectional SDI HDMI 3G wÒé¿«$



Micro Converter SDI to HDMI

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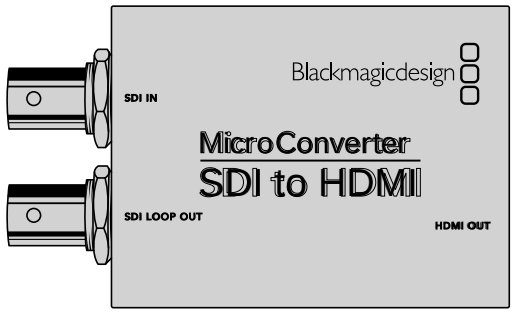

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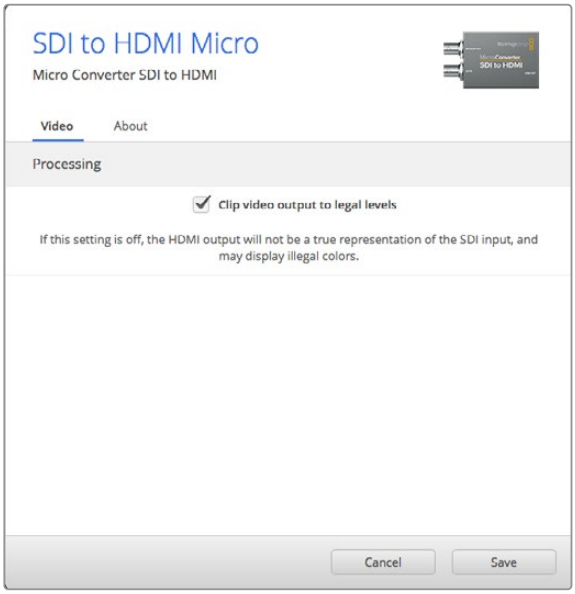

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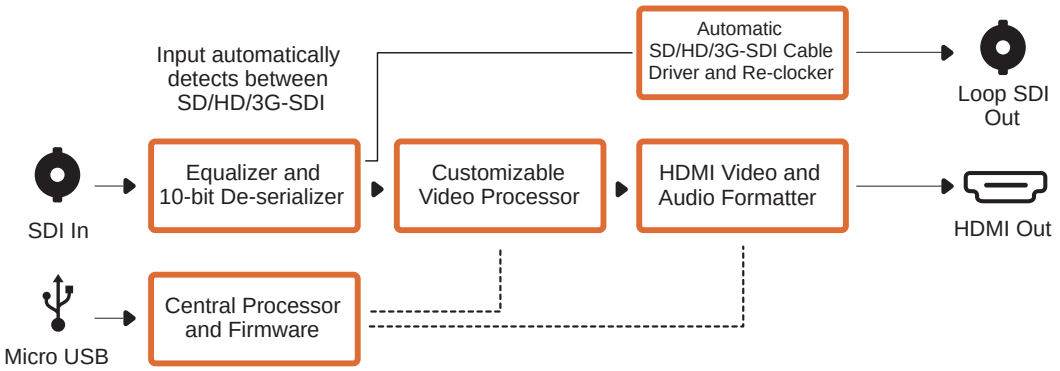

Micro Converter HDMI to SDI

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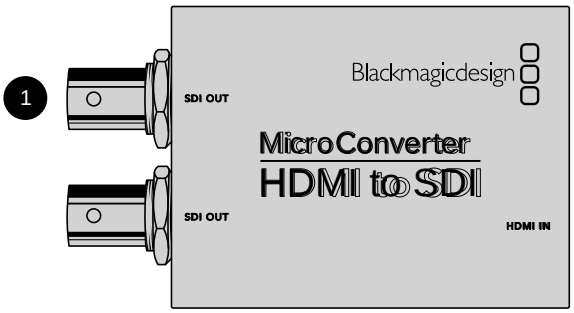

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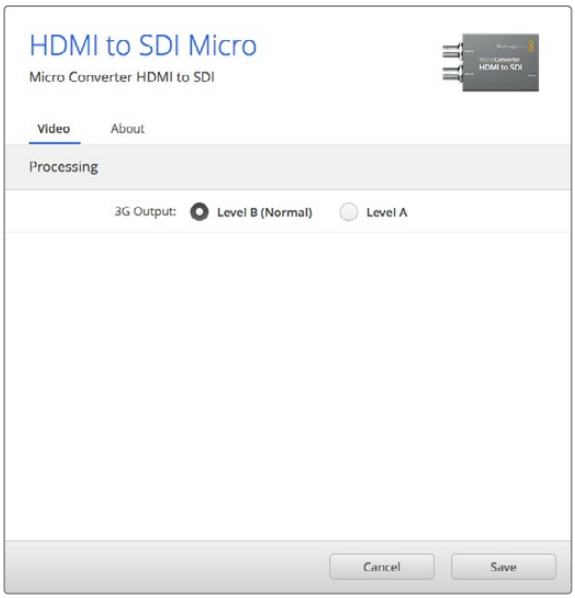

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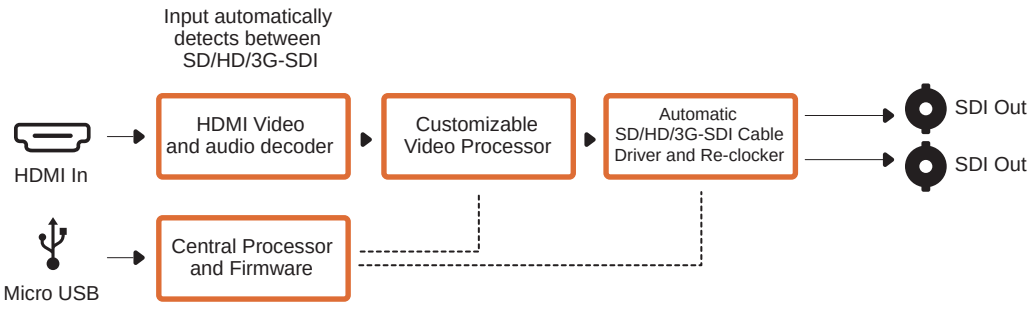

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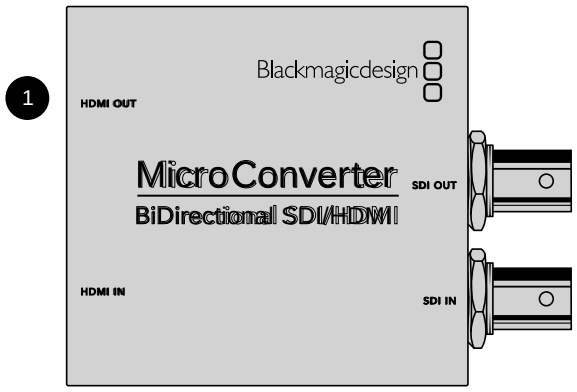

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